



AD/ADVANTAGE

MANTIS Messages and Codes
OpenVMS/UNIX

P39-1330-00




AD/Advantage® MANTIS Messages and Codes OpenVMS/UNIX

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Release information for this manual

The *AD/Advantage MANTIS Messages and Codes OpenVMS/UNIX*, P39-1330-00, is dated February 12, 2001. This document supports Release 2.8 of MANTIS.

We welcome your comments

We encourage critiques concerning the technical content and organization of this manual. Please take the [survey](#) provided with the online documentation at your convenience.

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About this book

Using this document

MANTIS[®] is an application development system that consists of design facilities (for example, screens and files) and a programming language. This manual provides explanations and actions for messages you may encounter while using MANTIS and AD/Advantage[®].

Document organization

The information in this manual is organized as follows:

Chapter 1—Fatal messages

Describes messages related to fatal errors.

Chapter 2—Programming messages

Describes messages related to programming.

Chapter 3—Facilities messages

Describes messages related to facilities.

Chapter 4—AD/Advantage messages

Describes messages that may be encountered within AD/Advantage.

Revisions to this manual

The following changes have been made for this release:

- ◆ Changed Title from MANTIS Messages and Codes to AD/Advantage Messages and Codes OpenVMS/UNIX
- ◆ Combined AD/Advantage messages from publication number P19-7003
- ◆ Added new fatal message 102 on page 15.
- ◆ Updated/Added new fatal messages 105 – 108 beginning on page 16
- ◆ Added 300 level message 367 on page 63
- ◆ Added new programming messages 960-966 beginning on page 136
- ◆ Added programming message 970 on page 137
- ◆ Added programming message 972 on page 137
- ◆ Added programming messages 974-976 beginning on page 137
- ◆ Added programming messages 980-988 beginning on page 138
- ◆ Added programming messages 990-995 beginning on page 140
- ◆ Added new section “W messages – MANTIS search facility” beginning on page 220
- ◆ Added new chapter “AD/Advantage messages” beginning on page 227

Conventions

The following table describes the conventions used in this document series:

Convention	Description	Example
Constant width type	Represents screen images and segments of code.	Screen Design Facility GET NAME LAST INSERT ADDRESS
Slashed b (b)	Indicates a space (blank). The example indicates that a password can have a trailing blank.	WRITEPASSb
Brackets []	Indicate optional selection of parameters. (Do not attempt to enter brackets or to stack parameters.) Brackets indicate one of the following situations:	
	A single item enclosed by brackets indicates that the item is optional and can be omitted. The example indicates that you can optionally enter a program name.	COMPOSE [<i>program-name</i>]
	Stacked items enclosed by brackets represent optional alternatives, one of which can be selected. The example indicates that you can optionally enter NEXT, PRIOR, FIRST, or LAST. (NEXT is underlined to indicate that it is the default.)	<div>[<u>NEXT</u> PRIOR FIRST LAST]</div>

Convention	Description	Example
Braces { }	Indicate selection of parameters. (Do not attempt to enter braces or to stack parameters.) Braces surrounding stacked items represent alternatives, one of which you must select. The example indicates that you must enter FIRST, LAST, or a value for <i>begin</i> .	<div><div>FIRST</div><div><i>begin</i></div><div>LAST</div></div>
<u>Underlining</u> (In syntax)	Indicates the default value supplied when you omit a parameter. The example indicates that if you do not specify ON, OFF, or a row and column destination, the system defaults to ON.	<div>SCROLL<div><div>ON</div><div>OFF</div><div>[<i>row</i>][<i>col</i>]</div></div></div>
<u>Underlining</u> (In syntax)	Underlining also indicates an allowable abbreviation or the shortest truncation allowed. The example indicates that you can enter either PRO or PROTECTED.	<u>PROTECTED</u>
Ellipsis points...	Indicate that the preceding item can be repeated. The example indicates that you can enter (A), (A,B), (A,B,C), or some other argument in the same pattern.	(<i>argument</i> , . . .)

Convention	Description	Example
UPPERCASE	Indicates MANTIS reserved words. You must enter them exactly as they appear. The example indicates that you must enter CONVERSE exactly as it appears.	CONVERSE <i>name</i>
<i>Italics</i>	Indicate variables you replace with a value, a column name, a file name, and so on. The example indicates that you can supply a name for the program.	COMPOSE [<i>program-name</i>]
Punctuation marks	Indicate required syntax that you must code exactly as presented. () parentheses . period , comma : colon ' ' single quotation marks	[LET] _v $\begin{bmatrix} (i) \\ (i, j) \end{bmatrix}$ [ROUNDED(<i>n</i>)] = <i>e1</i> [<i>e2, e3...</i>]
UNIX OpenVMS	Information specific to a certain operating system is flagged by a symbol in a shadowed box (e.g., UNIX) indicating which operating system is being discussed. Skip any information that does not pertain to your environment.	UNIX DBA will run on any terminal that supports the cursor library.

MANTIS documentation series

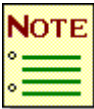
MANTIS is an application development system designed to increase productivity in all areas of application development, from initial design through production and maintenance. MANTIS is part of AD/Advantage, which offers additional tools for application development. Below are listed the manuals offered with MANTIS in the OpenVMS™ and UNIX® environments, organized by task. You may not have all the manuals that are listed here. For a synopsis of each manual, refer to [AD/Advantage MANTIS Application Development Tutorial OpenVMX/UNIX](#), P39-1340.

Getting started

- ◆ *AD/Advantage MANTIS 2.8.x Installation and Startup OpenVMS/UNIX*, P39-0027*

General use

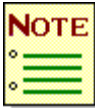
- ◆ *AD/Advantage MANTIS Facilities OpenVMS/UNIX*, P39-1300
- ◆ *AD/Advantage MANTIS Language OpenVMS/UNIX*, P39-1310
- ◆ *AD/Advantage MANTIS Messages and Codes OpenVMS/UNIX*, P39-1330*
- ◆ *AD/Advantage MANTIS Application Development Tutorial OpenVMX/UNIX*, P39-1340
- ◆ *AD/Advantage MANTIS SUPRA SQL Programming OpenVMS/UNIX*, P39-1345
- ◆ *AD/Advantage MANTIS Rdb Programming UNIX*, P39-1350
- ◆ *AD/Advantage MANTIS Oracle Programming UNIX*, P39-1355



Manuals marked with an asterisk (*) are listed twice because you use them for different tasks.

Master User tasks

- ◆ *AD/Advantage MANTIS 2.8.x Installation and Startup OpenVMS/UNIX, P39-0027**
- ◆ *AD/Advantage MANTIS Administration OpenVMS/UNIX, P39-1320*
- ◆ *AD/Advantage MANTIS Messages and Codes OpenVMS/UNIX, P39-1330**



Manuals marked with an asterisk (*) are listed twice because you use them for different tasks.

Educational material

MANTIS educational material is available from your regional Cincom education department.

1

Fatal messages

MANTIS issues Fatal messages when it encounters a situation where it is impossible or invalid to continue. MANTIS issues the Fatal Error message and then terminates.

100 level messages

FATAL_100

Explanation Error opening the MANTIS_FILE. Either the MANTIS_FILE does not exist, or you are not authorized for read/write access to it.

Action Check that the file pointed to by the logical name MANTIS_FILE exists. Check that you are authorized for read/write access.

FATAL_101

Explanation Facility program not found. Your facility program does not exist in the MANTIS File. The facility program is specified in the User Profile or in the MASTER:SIGN_ON program.

Action Check that the facility program name specified in your user profile exists. Check the MASTER: SIGN_ON program to see if it is substituting another facility program. If so, check that it exists.

FATAL_102

Explanation Invalid MANTIS Security Patch. The MANTIS Security Patch is not for this release of MANTIS.

Action Check that the MANTIS_PATCH environment is pointing to the correct MANTIS Security Patch for this release of MANTIS.

FATAL_105

OpenVMS

Explanation Failure to translate a MANTIS logical name. MANTIS cannot initialize either because MANTIS_CLASS or MANTIS_GROUP logical names have not been defined, or because the equivalence string for MANTIS_CLASS specified a class-name greater than four characters.

Action Check that the logical name MANTIS_CLASS equates to a 1–4 character identifier, xxxx, for example. Then check that the logical name XXXX_MANTIS is defined. Finally, check that the logical name MANTIS_GROUP is defined and equated to a UIC group number.

UNIX

Explanation MANTIS cannot initialize because of one of the following reasons:

- ◆ Failure to set an environment variable;
- ◆ Failure to request trapping of certain signals;
- ◆ Failure to create or map to an existing Shared Entity Pool.

Action (1) The problem is most likely with the Shared Entity Pool. Check the interprocess communication (IPCS) resources on your system. Make sure that there is room for more semaphores and shared memory segments, and that there are not a lot of disused resources left in the system (from previously aborted MANTIS processes). If you are able to get at least one or more MANTIS users up and running, the most likely problem is that you are running with multiple MANTIS Security Patches that do not contain the same number of MANTIS Licenses. Check to be sure that you are using the same MANTIS Security Patch for all Users.

Action (2) If you cannot get any MANTIS Process up, the problem is most likely with the Shared Entity Pool. Check the interprocess communication (IPCS) resources on your system. Make sure that there is room for more semaphores and shared memory segments, and that there are not a lot of disused resources left in the system (from previously aborted MANTIS processes).

FATAL_106

Explanation MANTIS cannot initialize during MANTIS License Logic, because of one of the following reasons: failure to request trapping of certain signals or failure to create or map to an existing Shared Entity Pool.

Action (1) If you are able to get at least one or more MANTIS users up and running, the most likely problem is that you are running with multiple MANTIS Security Patches that do not contain the same number of MANTIS Licenses. Check to be sure that you are using the same MANTIS Security Patch for all Users.

Action (2) If you cannot get any MANTIS Process up, the problem is most likely with the Shared Entity Pool. Check the interprocess communication (IPCS) resources on your system. Make sure that there is room for more semaphores and shared memory segments, and that there are not a lot of disused resources left in the system (from previously aborted MANTIS processes).

FATAL_107

Explanation MANTIS was unable to add a MANTIS User to License Seat Global Table. Internal error in License Global Seat Table.

Action Contact Cincom Support.

FATAL_108

Explanation Invalid Internal License Seat Type in UCA area.

Action Contact Cincom Support.

FATAL_130

OpenVMS

Explanation Error opening MANTIS_INPUT. The MANTIS Input stream, specified by logical name MANTIS_INPUT, could not be opened. If MANTIS_INPUT was not defined, the error occurred opening SYS\$INPUT.

Action Check that the file pointed to by the logical name MANTIS_INPUT exists. Check that you have read access.

UNIX

Explanation Error opening standard input. This is highly unlikely because the shell does file redirection checking before activating MANTIS.

Action Make sure standard input is properly directed.

FATAL_131

OpenVMS

Explanation Error opening MANTIS_OUTPUT. The MANTIS Output stream, specified by logical name MANTIS_OUTPUT, could not be opened. If MANTIS_OUTPUT was not defined, the error occurred opening SYS\$OUTPUT.

Action Check the logical name MANTIS_OUTPUT. Check the validity of the directory specification or your current directory. Check that you have write access to the output file directory.

UNIX

Explanation Error opening standard output. This is highly unlikely because the shell does file redirection checking before activating MANTIS. You also get this error if you attempt to run MANTIS with interactive input and file output.

Action Make sure that standard input is a file if standard output is directed to a file.

200 level messages

FATAL_201

Explanation Error opening MANTIS_INFILE. The MANTIS Copy utility program reads input from the file identified by logical name MANTIS_INFILE. This file could not be opened for reading.

Action Check that the file pointed to by the logical name MANTIS_INFILE exists. Check that you have read access to the file.

FATAL_202

Explanation Error opening MANTIS_OUTFILE. The MANTIS Copy utility program writes output to the file identified by logical name MANTIS_OUTFILE. This file could not be opened for writing.

Action Check the logical name MANTIS_OUTFILE. Check the validity of the directory specification or your current directory. Check that you have write access to the output file directory.

2

Programming messages

MANTIS issues programming messages when it encounters an exceptional condition. Normally, this will be an error in execution or syntax in your program or programming-mode command. In programming mode, MANTIS issues the message and you may be able to correct the problem and continue. If the program is in “running mode” (outside programming mode), Mantis issues the message, then the program stops execution and MANTIS returns control to the defined “Facility Program”.

000 level messages

075 The line number is not in the allowed range.

Explanation The allowed range for program line numbers is from 1 up to the maximum line number defined by the MAXPROGLINE MANTIS Option.

Action Use the SEQUENCE command to resequence your program with a smaller increment between lines, or ask your Master User to increase the maximum program line number limit

076 The line is too long or too complex.

Explanation MANTIS could not encode the line without exceeding the maximum allowable line length.

Action Break the line down into separate statements on separate lines.

077 The magnitude of a number is not in the allowed range.

Explanation MANTIS could not convert the number to floating-point format because the exponent would exceed the allowable range. MANTIS accepts only numbers whose magnitude is between 1E-38 and 1E+38.

Action Check your hardware processor documentation for the maximum allowed floating point exponent. If you are using D-notation, the allowed exponent range is -128 to 127.

078 The closing quote is missing from a text literal.

Explanation A text literal must be enclosed in quotes, for example, "HELP."

Action Insert the missing quotation mark.

079 An invalid DBCS data character was encountered.

Explanation The external data string type is either TEXT or DBCS. Within the DBCS segment, there is a non-DBCS character. Possibly, the most recent DBCS character has been truncated due to an incorrect string length.

Action Correct the DBCS segment.

080 The line contains a character, which is not in the MANTIS character set.

Explanation The MANTIS character set consists of the following characters:
ABCDEFGHIJKLMNOPQRSTUVWXYZabcdefghijklmnopqrstuvwxyz
0123456789"() ;,._> !+ -* / =. Other characters are allowed only in text literals and comments.

Action Restrict your MANTIS statements and commands to the MANTIS character set.

081 The ROUNDED parameter is not in the correct format.

Explanation ROUNDED can be followed only by an equal sign or by an integer 0–6 in parentheses, for example, X ROUNDED(3) = Y.

Action Change the ROUNDED parameter to comply with the correct format.

- 082 The allowed number of variables has been exceeded.
- Explanation** You have attempted to define more variables than allowed by the MAXVARS MANTIS Option.
- Action** Reduce the number of variables in your program or ask your Master User to increase the maximum number of variables allowed.
- 083 A logic keyword is not at the start of the line.
- Explanation** A statement with a logic keyword must appear on a line by itself. The MANTIS logic keywords are: BREAK, CHAIN, DO, ELSE, END, ENTRY, EXEC_SQL, EXIT, FOR, IF, NEXT, RETURN, UNTIL, WHEN, and WHILE.
- Action** Put the statement with a logic keyword on a separate line.
- 084 The line contains a keyword that can be used only as a command.
- Explanation** The following keywords can be used only as commands; they cannot be used as statements in your program: ALTER, BREAK, CHANGE, COPY, DOWN, EDIT, ERASE, GO, HELP, LIST, LOAD, NEW, PURGE, QUIT, REPLACE, RUN, SAVE, SEQUENCE, UP, USAGE.
- Action** Remove the command keyword from your program line.
- 085 A symbolic name is too long.
- Explanation** The symbolic name exceeds the maximum allowable size of 80 characters.
- Action** Reduce the length of the symbolic name.
- 086 The line contains a keyword that can be used only as a statement.
- Explanation** The following keywords can be used only as program statements; they cannot be used as commands: CALL, CHAIN, DO (internal subroutine), ELSE, END, ENTRY, EXEC_SQL, EXIT, IF, WHEN, WHILE.
- Action** Remove the statement keyword from your command line.

090 There is no such line for deletion.

Explanation When you enter a line number by itself, MANTIS deletes that line. In this case, there is no line with the number you entered.

Action Check the number of the line you meant to delete or put something after the line number if you meant to insert a line.

091 The program is too big.

Explanation In MANTIS internal format, your program exceeds the maximum size in bytes defined by the MAXPROGSIZE MANTIS Option.

Action Restructure your program by use of external subroutines, or ask your Master User to increase the maximum program size.

093 The DO command cannot be used to execute an internal subroutine.

Explanation Although the DO keyword can be used as a command to execute an external subroutine, it can be used as a statement only to execute an internal subroutine. An internal subroutine is part of the current program, whereas an external subroutine is in a separate program identified by a PROGRAM statement.

Action Execute the internal subroutine using a DO statement in your program.

094 The program line number is too big.

Explanation The allowed range for program line numbers is from 1 up to the maximum line number defined by the MAXPROGLINE MANTIS Option.

Action Use the SEQUENCE command to resequence your program with a smaller increment between lines, or ask your Master User to increase the maximum program line number limit.

095

The statement has too many parameters.

Explanation A maximum of 255 parameters may be specified for the following statements:

- ◆ ATTRIBUTE—Attribute string expressions on right-hand side
- ◆ DO—Arguments
- ◆ CALL—Parameters
- ◆ CHAIN—Parameters
- ◆ CLEAR—Parameters
- ◆ GET—Key expressions
- ◆ LET—Multiple array element assignments on right-hand side
- ◆ OBTAIN—Parameters
- ◆ SHOW—Parameters including punctuation
- ◆ VIEW—SELECT field list

Action Modify the number of parameters on the statement.

100 level messages

100 An expression contains an invalid operand.

Explanation An operand in an arithmetic expression must be a numeric variable, numeric array element, numeric constant, built-in numeric function, built-in numeric constant or sub-expression in parentheses. An operand in a text expression must be a text variable, text array element, text sub string, text literal, built-in text function or a sub expression in parentheses.

Action Remove the invalid operand from the expression.

101 An expression contains incompatible operands.

Explanation The operands on either side of an operator are incompatible. All numeric operands are compatible with each other, but TEXT and DBCS operands are not compatible with any other types, except for the NULL string where data type is not considered.

Action Make the operands compatible, for example, by using a built-in function. TXT (A) returns the text value of the arithmetic expression A. VALUE (T) returns the numeric value of the text expression T.

102

An expression contains an invalid operator.

Explanation The correct MANTIS operators are listed below.

Operator	Operand type	Description
**	Numeric	Exponentiation (power)
*	Numeric	Multiplication
/	Numeric	Division
+	Numeric or text	Addition / concatenation
-	Numeric or text	Subtraction / extraction
<	Numeric or text	Less than
>	Numeric or text	Greater than
<=	Numeric or text	Less than or equal
>=	Numeric or text	Greater then or equal
=	Numeric or text	Equals
<>	Numeric or text	Not equal
AND	Numeric (Boolean)	Logical and
OR	Numeric (Boolean)	Logical or

Action Use only the operators appropriate for the operands in the expression.

103

The string stack is too small for a text expression to be evaluated.

Explanation MANTIS uses a string stack during the evaluation of text expressions. A text value in the current expression does not fit on the stack. The length of the string evaluation stack is defined by the MAXSTLEN MANTIS Option.

Action Rework your program to use simpler text expressions or ask your Master User to increase the string evaluation stack length.

104 An expression contains an operand of an invalid data type.

Explanation One of the operands in an expression is not a valid operand data type.

Action This error indicates an internal MANTIS error. Contact Cincom Support.

105 The NULL text function is not IBM compatible.

Explanation The NULL function is not supported in MANTIS for the IBM mainframe.

Action Ask your Master User to disable the IBM MANTIS Option, or use the null literal ("") instead of the NULL function.

106 A left parenthesis is missing.

Explanation Parentheses are required after an array reference within an expression. They are also required to enclose parameters on many MANTIS statements.

Action Insert the missing parenthesis.

107 A right parenthesis is missing.

Explanation A right parenthesis is needed to match the preceding left parenthesis. You may have included too many parameters before the right parenthesis.

Action Insert the missing parenthesis or remove superfluous parameters.

108 The argument of a built-in function is not a text expression.

Explanation The built-in functions SIZE, VALUE, POINT, and NUMERIC require their argument to be a text expression.

Action If you want to use one of these functions, make the argument a text expression.

- 109 The argument of a built-in function cannot be a DBCS string.
- Explanation** MANTIS is not able to translate DBCS strings to numeric values. Only a TEXT string can be converted into a number by the VALUE function.
- Action** Change the argument of VALUE to a TEXT string.
- 110 The argument of built-in function is not an arithmetic expression.
- Explanation** The built-in functions ABS, ATN, COS, EXP, INT, LOG, NOT, RND, SGN, SIN, SQR, TAN, and TXT require their argument to be an arithmetic expression.
- Action** If you want to use one of these functions, make the argument an arithmetic expression.
- 111 The start and end positions of a text sub string are inconsistent.
- Explanation** A text sub string is referred to by start and end character positions within a text variable or array element. The character positions are numbered 1,2,3,... from left to right in the text string or -1,-2,-3,... from right to left in the text string. The end character position cannot be to the left of the start position.
- Action** Specify the correct start and end positions (using either numbering scheme) for the text sub string you want to refer to.
- 114 The unary minus operator can be used only with a numeric operand.
- Explanation** The unary minus operator cannot precede a text operand in an expression.
- Action** Do not use a unary minus with a text operand.
- 115 An array element has too many subscripts.
- Explanation** The number of subscripts of an array element must not exceed the number of dimensions specified when the array was defined.
- Action** Change the array element or the array definition to reconcile the number of subscripts with the number of dimensions.

116 A subscript of an array element is not an arithmetic expression.

Explanation Each array element subscript must be an arithmetic expression.

Action Make sure that each array element subscript is an arithmetic expression.

117 An array element subscript exceeds the corresponding dimension.

Explanation Each array element subscript must have a value less than or equal to the corresponding dimension specified when the array was defined.

Action Reduce the size of the subscript or increase the dimension of the array.

118 The start or end position of a sub string is not an arithmetic expression.

Explanation A text sub string is referred to by start and end character positions within a text variable or array element. The character positions are numbered 1,2,3,... from left to right in the text string or -1,-2,-3,... from right to left in the text string. The start and end positions are each specified by an arithmetic expression.

Action Specify the start and end positions (using either numbering scheme) by means of arithmetic expressions.

119 The start or end position of a sub string exceeds the maximum string length.

Explanation A text sub string is referred to by start and end character positions within a text variable or array element. The character positions are numbered 1,2,3,... from left to right in the text string or -1,-2,-3,... from right to left in the text string. The absolute value of the start and end position cannot exceed the maximum string length set by the MAXSTRLEN MANTIS Option.

Action Specify start and end positions within the maximum string length.

- 120 An array element has no subscripts.
- Explanation** A reference to a symbolic name defined as an array must be followed by at least one subscript in parentheses.
- Action** Add subscript(s) if the symbolic name is to be an array; otherwise, remove the dimension(s) from the definition of the symbolic name.
- 121 An expression is incomplete.
- Explanation** The evaluation of an expression was incomplete when the end of the line or a colon (statement separator) was encountered.
- Action** Correct the incomplete expression.
- 122 Symbolic name exceeds the maximum number of dimensions or string length.
- Explanation** The definition of the symbolic name exceeds the maximum number of dimensions (MAXNODIMS MANTIS Option) or the maximum string length (MAXSTRLEN MANTIS Option) set by your Master User.
- Action** Reduce the length or the number of dimensions or ask your Master User to increase the limits.
- 123 A negative base of a Power (**) operator requires an integral exponent.
- Explanation** A negative number cannot be raised to a fractional power. For example, $-2^{3.5}$ is an invalid operation because -2 is a negative base and 3.5 is not an integral exponent.
- Action** If you intended this sort of operation, first convert the base to its absolute value and handle the sign of the result according to your own rules.

124 Subscripts can only be used with array, string or complex variables.

Explanation The subscripted variable reference is not valid. Subscripts can only be specified with numeric array variables, scalar or array string variables, or complex variables. Subscripting a scalar string variable or a complex variable is a sub stringing operation.

Action The subscripted variable has probably not been defined as expected by an explicit declaration (such as BIG or TEXT) or by an implicit declaration (as in SCREEN or FILE).

125 DECIMAL precision must be numeric in the range 1–31.

Explanation The precision parameter in the DECIMAL statement specifies the number of decimal digits the number can hold. This is called the precision of the number and must be in the range 1–31. If omitted the precision defaults to 18.

Action Specify a precision in the range 1–31, or leave out the precision parameter and use the default precision of 18.

130 The message parameter is not the symbolic name of a text array.

Explanation This is an internal error.

Action Contact Cincom Support.

131 The length parameter is not the symbolic name of a numeric variable.

Explanation This is an internal error.

Action Contact Cincom Support.

133 Continuation of a comment is not allowed.

Explanation The previous line ended with a comment (| followed by comment text) and the current line begins with a continuation character ('). Comments cannot be continued in this way.

Action Replace the continuation character with a comment character to make the current line into a comment.

- 134 The message parameter is incorrectly dimensioned.
- Explanation** This is an internal error.
- Action** Contact Cincom Support.
- 150 The allowed number of variables has been exceeded.
- Explanation** You have attempted to define more variables than allowed by the MAXVARS MANTIS Option.
- Action** Reduce the number of variables in your program or ask your Master User to increase the maximum number of variables.
- 151 The ENTRY statement cannot be used inside a subroutine or logic block.
- Explanation** A subroutine is defined by enclosing a block of statements with ENTRY-EXIT statements. Subroutine definitions cannot be nested; an EXIT statement must terminate each subroutine before another subroutine can be started with an ENTRY statement. A subroutine definition cannot be started inside an IF-ELSE-END, WHEN-END, WHILE-END, or UNTIL-END logic block.
- Action** Rework your subroutine definition to avoid nesting.
- 152 The ELSE statement has no matching IF statement.
- Explanation** The ELSE statement can be used only as part of an IF-ELSE-END sequence of statements.
- Action** Rework your program logic.
- 153 The END statement has no matching logic statement.
- Explanation** The END statement is not matched by any of the following logic statements: EXEC_SQL, FOR, IF/ELSE, UNTIL, WHEN, WHILE.
- Action** Check for too many END statements prior to this one in the program.
- 154 The EXIT statement has no matching ENTRY statement.
- Explanation** The EXIT statement can be used only as part of an ENTRY-EXIT sequence of statements to define a subroutine.
- Action** Rework your subroutine definitions.

156 An END or EXIT statement is missing.

Explanation An END statement is needed to terminate an IF-ELSE-END, EXEC_SQL, WHEN-END, WHILE-END, FOR-END, or UNTIL-END sequence of statements or an EXIT statement is needed to terminate an ENTRY-EXIT subroutine definition.

Action Rework your program logic or subroutine definitions.

157 The libname parameter is incorrectly specified.

Explanation The libname parameter specifies the name of an entity in a user's library in the format *[user-name:] entity-name*. The *user-name* cannot exceed 16 characters. The *entity-name* cannot exceed 30 characters.

Action Correct the libname parameter.

158 The user name (#####) is invalid or not known.

Explanation Your Master User must define the user-name in a libname parameter. Valid user names consist of 1–16 characters after leading and trailing spaces has been removed.

Action Use the Master Directory Facility to check the specified user name against the directory of MANTIS users.

159 The User Profile contains an invalid user code.

Explanation When your Master User creates a User Profile for a MANTIS user, MANTIS assigns an internal user code and stores it in the User Profile. The profile for the user-name specified in the libname parameter contains a code that is not in the correct range.

Action Inform your Master User.

161 The profile is corrupt.

Explanation When MANTIS read the profile for the specified file, view, screen or interface; the length of the profile was inconsistent with its stated length. It may have been corrupted as a result of a system failure.

Action Delete the profile using the appropriate Library Facility and recreate it.

- 162 The program contains unresolved BREAK/NEXT statement(s).
- Explanation** The program contains BREAK and/or NEXT statements that are not within the scope of any FOR, WHEN, WHILE, or UNTIL statement block.
- Action** Check the program logic carefully. List the program and note the indentation level of the BREAK/NEXT statement(s). Check that there is at least one of the above loop statements with a lower indentation level.
- 170 The resource name is too long.
- Explanation** The resource name parameter must be a text expression. MANTIS extends the specified name by appending the characters assigned to the logical name MANTIS_CLASS. You can display these by entering \$SHOW LOGICAL MANTIS_CLASS. The combined length cannot exceed 31 characters.
- Action** Reduce the length of the resource name.
- 174 SUPRA PDM Indexed GET is not IBM compatible.
- Explanation** The GET statement contains one of the keywords KEYF, KEYR, KEYM or KEYS, which indicates a SUPRA PDM Indexed GET statement. This feature is not yet available in MANTIS for the IBM mainframe.
- Action** Avoid the use of PDM Indexed GET, or run MANTIS without the IBM option.
- 175 The keyword (KEYF,KEYR,KEYM,KEYS) is only valid for ULTRA file views.
- Explanation** The GET statement contains one of the keywords KEYF, KEYR, KEYM or KEYS, which indicates a SUPRA PDM Indexed GET statement. However, the file view specified in the GET statement is not an ULTRA file view.
- Action** Specify the symbolic name of an ULTRA file view if you want to execute a PDM indexed GET.

176 The wildcard flag (,=) is not allowed with KEYF or KEYR.

Explanation KEYF and KEYR retrieval modes do not support wildcard key comparison. If you want to specify wildcards in the key parameter(s) you have to use either KEYM or KEYS to perform a masked GET.

Action Omit the wildcard flags(s) from the key parameter(s) or use KEYM or KEYS instead of KEYF/R.

177 The mask expression is invalid.

Explanation The MASK= clause must specify a text expression giving a mask string of at least one character in length. The first character of the mask string is taken to be the mask character.

Action Specify a text expression of at least one character.

178 Keys and a mask are required to start a masked GET.

Explanation A masked GET, indicated by the keywords KEYM or KEYS, must include one or more key parameters and a MASK= clause when starting a new browse. To continue a browse over the PDM data set you must omit key parameters from the GET statement.

Action Specify key parameter(s) and a MASK= clause. To restart a browse you can PAD the key field(s) with the mask character, or in the case of a numeric key field, follow it with ',=' to indicate a wildcard match.

179 A mask is not allowed with KEYF or KEYR.

Explanation The MASK= clause is not allowed in conjunction with the KEYF or KEYR keyword. KEYF and KEYR are used to indicate Forward and Reverse browsing of all data set records along the specified index. For a masked GET you must use either KEYM or KEYS in the GET statement.

Action Omit the MASK= clause from the GET statement, or code a masked GET using either KEYM or KEYS.

180 The index-id expression is invalid.

Explanation The index-id is a required parameter when one of the keywords KEYF, KEYR, KEYM, or KEYS is specified in the GET statement. The index-id must be a text expression of at least 2 characters in length. The last two characters of the index-id are taken as the secondary key identifier used when accessing the PDM.

Action Specify a text expression of at least 2 characters.

181 The wildcard flag (,=) is incorrectly placed.

Explanation You can only follow a numeric key parameter with ‘,’ in the key parameter list. It indicates that the previous parameter in the list is a numeric field and that any value in that field is acceptable when records are retrieved from the database.

Action Only code ‘,’ after a numeric key parameter in the GET statement.

182 The keyword (KEYF,KEYR,KEYM,KEYS) is incorrectly placed.

Explanation The keywords KEYF, KEYR, KEYM, KEYS are used in an ULTRA GET statement to indicate indexed retrieval of records from a data set. MANTIS has detected one of these keywords in the GET statement but it is not coded in the correct position.

Action Move the keyword so that it immediately follows the optional key parameters and precedes the required index-id expression.

183 RMS COMMIT failed.

OpenVMS

Explanation MANTIS requested RMS to end the active RMS Journaling Recovery Unit, which was unsuccessful. All RMS updates to Recovery Unit Journal led files since the last successful COMMIT will most probably be lost. All Recovery Unit Journalled files open at the time of the failure should be analyzed (using the ANALYZE facility) to ensure they are not corrupt.

Action An RMS error message has been logged describing the nature of the failure. Consult your RMS and RMS Journaling Manuals for more information.

184 RMS RESET failed.

OpenVMS

Explanation MANTIS requested RMS to abort the active RMS Journaling Recovery Unit, which was unsuccessful. All Recovery Unit Journalled files open at the time of the failure should be analyzed (using the ANALYZE facility) to ensure they are not corrupt.

Action An RMS error message has been logged describing the nature of the failure. Consult your RMS and RMS Journaling Manuals for more information.

186 Record retrieval from an ULTRA file failed with DML status code #####.

Explanation MANTIS issued SUPRA DML command (READV, READR, READD or RDNXT) that was unsuccessful. The actual SUPRA DML status code replaces the #####... in the message.

Action Refer to the *SUPRA Server PDM Messages and Codes Reference Manual*, P25-0022, for an Explanation of the DML status code.

187 Record update in an ULTRA file failed with DML status code #####.

Explanation MANTIS issued an SUPRA DML command (WRITM or ADDVR) that was unsuccessful. The actual SUPRA DML status code replaces the #####... in the message.

Action Refer to the *SUPRA Server PDM Messages and Codes Reference Manual*, P25-0022, for an Explanation of the DML status code.

188 Record insertion in an ULTRA file failed with DML status code #####.

Explanation MANTIS issued a SUPRA DML command (ADD-M, ADDVA, ADDVB or ADDVC) that was unsuccessful. The actual SUPRA DML status code replaces the #####... in the message.

Action Refer to the *SUPRA Server Messages and Codes Reference Manual*, P25-0020, for the Explanation of the DML status code.

189 Record deletion from an ULTRA file failed with DML status code #####.

Explanation MANTIS issued a SUPRA DML command (DEL-M or DELVD) that was unsuccessful. The actual SUPRA DML status code replaces the #####... in the message.

Action Refer to the *SUPRA Server Messages and Codes Reference Manual*, P25-0020, for the Explanation of the DML status code.

190 A SUPRA RDM RESET failed: #####

Explanation MANTIS requested an RDM RESET function that was unsuccessful. The MANTIS message incorporates the message returned by the RDM processor. The actual SUPRA DML status code replaces the #####... in the message.

Action Refer to the *SUPRA Server Messages and Codes Reference Manual*, P25-0020, for an Explanation of the RDM processor message.

191 A SUPRA RDM COMMIT failed: #####

Explanation MANTIS requested an RDM COMMIT function that was unsuccessful. The MANTIS message incorporates the message returned by the RDM processor. The actual SUPRA DML status code replaces the #####... in the message.

Action Refer to the *SUPRA Server Messages and Codes Reference Manual*, P25-0020, for an Explanation of the RDM processor message.

192 A VIEW statement is not allowed after an ULTRA statement.

Explanation MANTIS signs on to the SUPRA PDM when processing the first ULTRA statement and remains signed on unless a RDLY file open request is implied by any ULTRA statement passwords.

Action Execute the VIEW statement before any ULTRA statements.

193 A SUPRA RDM RELEASE failed: #####

Explanation MANTIS requested an RDM RELEASE function that was unsuccessful. The MANTIS message incorporates the message returned by the RDM processor. The actual SUPRA DML status code replaces the #####... in the message.

Action Refer to the *SUPRA Server Messages and Codes Reference Manual*, P25-0020, for an Explanation of the RDM processor message.

194 CISAM and CIS_TM access methods are incompatible

Explanation You cannot mix CISAM and CIS_TM access methods in MANTIS. If a CISAM file is currently open with one of these methods, MANTIS does not permit opening another CISAM file using the other access method.

Action Make sure all external file views specify the same CISAM access methods.

196 The mark parameter is not a 4-character text expression.

Explanation A MARK statement in a text variable of at least 4 characters stores a mark. The mark parameter of a GET statement is usually just a reference to the text variable in which a mark was stored. More complex expressions are allowed as long as they evaluate to a 4-character text value.

Action Correct the mark parameter.

197 The mark-name parameter is not a text variable of adequate size.

Explanation The mark-name parameter must be a text variable (or text array element) that was defined with a maximum length of at least 4 characters.

Action Use a 4-character text variable or array element for the mark parameter.

198 The AT keyword is missing.

Explanation A MARK statement must have an AT keyword followed by a mark-name parameter in order to specify the variable in which to save the current position. The AT keyword must follow the view-name parameter.

Action Correct the MARK statement.

199

A SUPRA RDM MARK failed: #####

Explanation MANTIS requested an RDM MARK function that was unsuccessful. The MANTIS message incorporates the message returned by the RDM processor. The actual SUPRA DML status code replaces the #####... in the message.

Action Refer to the *SUPRA Server Messages and Codes Reference Manual*, P25-0020, for an Explanation of the RDM processor message.

200 level messages

200 Record retrieval failed.

Explanation MANTIS received an error status when attempting to read a record from a MANTIS file, external file or RDM user view.

Action Use the FSI function to obtain further diagnostic information, if any. For RDM user views, the ASI and VSI functions can be used to determine which fields are in error. In programming mode, the HELP LAST command may provide a diagnostic message for MANTIS or external file errors.

202 The external file already exists: (###)

Explanation The NEW parameter has been specified for an ACCESS statement, indicating that a new version of the external file should be created. However, the ACCESS Option for the NEW parameter specifies that MANTIS should disallow the creation of the external file if the file already exists. The actual filename replaces the #####... in the message.

Action If you want MANTIS to create a new version of the external file even if it already exists, you may alter the ACCESS Options using the External File View Design Facility, Library Functions. Note that this fault can occur on execution of a DELETE/GET/INSERT/UPDATE statement due to the Delayed Create ACCESS Option.

203 The libname parameter is not a valid text expression.

Explanation The libname parameter must be a text expression that evaluates to a text value of not more than 47 characters. This allows for a 16-character user name, a colon, and a 30-character entity name.

Action Correct the libname parameter.

204 A comma is missing.

Explanation A comma is used to separate parameters in a statement or arguments in a function. In this case, a comma does not follow a parameter or argument.

Action Insert the missing comma.

205 The password parameter is not a valid text expression.

Explanation The password parameter must be a text expression that evaluates to a text value of no more than 16 characters.

Action Correct the password parameter.

206 The levels parameter does not have a value in the range 0-255.

Explanation The levels parameter must be an arithmetic expression that evaluates to a value in the range 0-255. Specifying a value of zero is equivalent to omitting the levels parameter.

Action Correct the levels parameter.

207 The ASI value in the ASI statement is invalid or incorrectly specified. The default ASI status is "".

Explanation The ASI status string value assigned in the ASI statement is missing, incorrectly specified, or invalid. Valid ASI status strings are:

- ◆ MISSING —specify the view field is MISSING
- ◆ NULL —specify the view field value is to be INSERT/UPDATED.

Action Change the ASI status value to one of the above strings.

208 There is no profile with the name specified in the libname parameter.

Explanation The libname parameter specifies an entity name preceded by a colon and a user name if another user's library is to be searched. Your own library is the default. There is no entity with the specified name in the library. You can use the Directory Facility to show the entities in your own library.

Action Correct the libname parameter.

209 Too many Record Layout profiles are chained together.

Explanation In File Design and Interface Design, you can specify an Associated Record Layout if the file or interface profile has the same record layout as another profile. The specified profile can in turn specify an Associated Record Layout and so on. After 16 successive Associated Record Layout profiles, MANTIS generates an error condition.

Action Check that the chain of profiles does not loop back on itself. For example, A has an associated layout of B, B has an associated layout of C, and C has an associated layout of A.

210 The Associated Record Layout profile does not exist.

Explanation In File Design and Interface Design, you can specify an Associated Record Layout if the file or interface profile has the same record layout as another profile. When a profile is loaded to process a FILE or INTERFACE statement, the specified Associated Record Layout profile must exist in the library.

Action Use File Design or Interface Design to correct the profile specification, or restore a deleted associated File Design or Interface Design

211 The profile status is not 'ACTIVE'.

Explanation File Design, External File View Design, ULTRA File View Design, and Interface Design allow you to specify the status of each profile. If anything other than 'ACTIVE' is entered in the status field, your program is prevented from accessing the profile.

Action Change the status to 'ACTIVE' if you want your program to access the profile.

212 Type or dimensions in profile are inconsistent with an existing variable.

Explanation During processing of an ACCESS, FILE, INTERFACE, SCREEN, or ULTRA statement, variables and arrays are defined in your work area according to the profile specified in the corresponding Design Facility. When variables or arrays from different profiles have the same name, MANTIS assumes that this is intended to affect the automatic transfer of data between entities, for example, between a screen and a file record. MANTIS checks that the type and dimensions are consistent.

Action Use the DISPLAY ALL command to display the attributes of all the variables and arrays in your work area to help you to identify the conflicting names or attributes.

213 A MANTIS file or external file could not be opened.

Explanation MANTIS received a system error status when attempting to open (or create) the file.

Action Use the FSI function to obtain further diagnostic information, if any. In programming mode, the HELP LAST command may also display a diagnostic error message. Note that for external files, this fault can occur on execution of a DELETE/GET/INSERT/UPDATE statement due to the Delayed Create ACCESS Option.

214 The symbolic name was not defined by FILE, ACCESS, ULTRA, or VIEW.

Explanation A GET, UPDATE, INSERT, or DELETE keyword must be followed by the symbolic name of a file, external file, ULTRA file view, or RDM user view, as defined in a FILE, ACCESS, ULTRA, or VIEW statement. A MARK keyword must be followed by the symbolic name of an RDM user view as defined in a VIEW statement.

Action Supply the correct symbolic name.

215 You are not authorized to perform this operation.

Explanation For a MANTIS file, an external file, or an ULTRA file view, the access authority is determined by the password specified in the corresponding FILE, ACCESS, or ULTRA statement. MANTIS compares this password with the passwords specified in the profile by the corresponding design facility and sets the access authority accordingly. For an RDM user view, the access authority is determined by the ACCESS statements specified in the Navigation Definition for the logical view in the database directory.

Action Use the correct password or ask your database administrator to change the Navigation Definition.

216 A record in the MANTIS file is corrupt.

Explanation When MANTIS read the record from the MANTIS file; the length of the record was inconsistent with its stated length. It may have been corrupted as a result of a system failure.

Action Delete the record from the MANTIS file and recreate it.

217 Record insertion failed.

Explanation MANTIS received an error status when attempting to insert a record into a MANTIS file, external file, or RDM user view.

Action Use the FSI function to obtain further diagnostic information, if any. For RDM user views, the ASI and VSI functions can be used to determine which fields are in error. In programming mode, the HELP LAST command may provide a diagnostic message for MANTIS or external file errors.

218 A parameter is incorrectly specified.

Explanation A parameter which is not allowed in a GET, UPDATE, INSERT, DELETE, or MARK statement has been specified; a keyword is incorrectly spelled; the parameters are out of order; or the level-number parameter does not have a value less than or equal to the number of levels.

Action Correct the syntax of the statement or the spelling of the parameters.

219 The symbolic name was not defined with a levels parameter.

Explanation You can specify a LEVEL=*level-number* parameter only if the symbolic name was defined by an INTERFACE, ACCESS, FILE, ULTRA, or VIEW statement with a levels parameter.

Action Add the required levels specification to the relevant complex statement.

220 A key parameter is incorrectly specified.

Explanation The key parameter on a GET statement should consist of one or more expressions separated by commas and enclosed in parentheses. Each key parameter must match its corresponding KEY profile field in type and dimensions. There must not be more key values than key elements. For an ULTRA file view, there must be the same number of key values as key elements. For a MANTIS file, external file, or RDM user view, you can specify a partial key with fewer key values than key elements.

Action Correct the key parameter.

221 Record deletion failed.

Explanation MANTIS received an error status when attempting to delete a record from a MANTIS file, external file, or RDM user view.

Action Use the FSI function to obtain further diagnostic information, if any. For RDM user views, the ASI and VSI functions can be used to determine which fields are in error. In programming mode, the HELP LAST command may provide a diagnostic message for MANTIS or external file errors.

222 The requested operation is not allowed for this type of file.

Explanation An attempt was made to read a record from a sequential file (using GET...(key,...)), to update or delete a record in a sequential file, to read a record from an ULTRA related file (using GET...(key,...)), or to read a record from an ULTRA primary file (using GET...SET(key,...)).

Action Rework your program to use an allowed operation or a different type of file.

223 Record update failed.

Explanation MANTIS received an error status when attempting to update a record in a MANTIS file, external file, or RDM user view.

Action Use the FSI function to obtain further diagnostic information, if any. For RDM user views, the ASI and VSI functions can be used to determine which fields are in error. In programming mode, the HELP LAST command may provide a diagnostic message for MANTIS or external file errors.

225 Profile specifies a different Database Description than previous profile.

Explanation All of the ULTRA file views used by your program must refer to the same Database Description. The SUPRA PDM allows MANTIS to sign on to only one Database Description at a time.

Action Rework your program to avoid using more than one Database Description.

- 226 The refer parameter is not a 4-character text expression.
- Explanation** The refer parameter must be a text expression which evaluates to a 4-character value. For a related data set, MANTIS stores the current position in the reference variable specified during ULTRA File View Design. The refer parameter is usually the reference variable itself or another text variable to which you have copied the reference variable.
- Action** Specify the refer parameter correctly.
- 227 A SINON request failed with DML status code ####.
- Explanation** MANTIS issued a SUPRA DML SINON command which was unsuccessful. The DML status code was not returned in the access-control realm entry for any file. The actual SUPRA DML status code replaces the #####... in the message.
- Action** Refer to the *SUPRA Server Messages and Codes Reference Manual*, P25-0020, for an Explanation of the DML status code.
- 228 A SINOF request failed with DML status code ####.
- Explanation** MANTIS issued a SUPRA DML SINOF command which was unsuccessful. (MANTIS regards a DML status code of LOAD or FULL as a successful status.) The actual SUPRA DML status code replaces the #####... in the message.
- Action** Refer to the *SUPRA Server Messages and Codes Reference Manual*, P25-0020, for an Explanation of the DML status code.
- 229 A RDESC request failed with DML status code ####.
- Explanation** MANTIS issued a SUPRA DML RDESC command which was unsuccessful. The actual SUPRA DML status code replaces the #####... in the message.
- Action** Contact Cincom Support.
- 231 A COMIT request failed with DML status code ####.
- Explanation** MANTIS issued a SUPRA DML COMIT command which was unsuccessful. The actual SUPRA DML status code replaces the #####... in the message.
- Action** Refer to the *SUPRA Server Messages and Codes Reference Manual*, P25-0020, for an Explanation of the DML status code.

232 A RESET request failed with DML status code #####.

Explanation MANTIS issued a SUPRA DML RESET command that was unsuccessful. The actual SUPRA DML status code replaces the #####... in the message.

Action Refer to the *SUPRA Server Messages and Codes Reference Manual*, P25-0020, for an Explanation of the DML status code.

233 The ULTRA file type in profile conflicts with Database Description.

Explanation When you created or updated the profile of the ULTRA file view, MANTIS obtained the ULTRA file type (primary or related) from the database description. The database description now indicates a different file type from the profile.

Action If the database description is correct, use ULTRA File View Design to update the profile.

234 An ULTRA element in profile is not defined in Database Description.

Explanation When you created or updated the profile of the ULTRA file view, MANTIS obtained the details of each element from the Database Description. At least one element in the profile is no longer included in the Database Description.

Action If the Database Description is correct, use ULTRA File View Design to update the profile.

235 An ULTRA element length in profile conflicts with Database Description.

Explanation When you created or updated the profile of the ULTRA file view, MANTIS obtained the details of each element from the database description. At least one element in the profile now has a different length according to the database description.

Action If the database description is correct, use ULTRA File View Design to update the profile.

236 An ULTRA key attribute in the profile conflicts with Database Description.

Explanation When you created or updated the profile of the ULTRA file view, MANTIS obtained the details of each element from the database description. At least one element in the profile now has a different key attribute according to the database description.

Action If the database description is correct, use ULTRA File View Design to update the profile.

237 The ULTRA linkage path in profile is not defined in Database Description.

Explanation When you created or updated the profile of the ULTRA file view, MANTIS checked the specified linkage path against the database description. The linkage path in the profile is no longer included in the database description.

Action If the database description is correct, use ULTRA File View Design to update the profile.

238 The ULTRA key length in profile conflicts with Database Description.

Explanation When you created or updated the profile of the ULTRA file view, MANTIS obtained the length of the key from the database description. The key now has a different length according to the database description.

Action If the database description is correct, use ULTRA File View Design to update the profile.

239 The ULTRA record code in profile conflicts with Database Description.

Explanation When you created or updated the profile of the ULTRA file view, you specified a record code. The database description now shows that the file does not contain coded records.

Action If the database description is correct, use ULTRA File View Design to update the profile.

240 The logical-view-name parameter is incorrectly specified.

Explanation The logical view name parameter should be a text expression that evaluates to a text value of up to 30 characters.

Action Correct the logical-view-name parameter.

241 A parameter is incorrectly specified.

Explanation The optional parameters in a VIEW statement are PREFIX, levels, and SELECT (field-list,...). A parameter, which is not one of these, has been specified.

Action Correct the specification or spelling of the parameter.

242 A field-list for the SELECT parameter is not a text expression.

Explanation Each field-list in a SELECT (field-list,...) parameter should be a text expression that evaluates to one or more field names separated by commas.

Action Correct the SELECT parameter.

243 An RDM OPEN failed: #####

Explanation MANTIS requested an RDM OPEN function that was unsuccessful. The MANTIS message incorporates the message returned by the RDM processor. The actual SUPRA DML status code replaces the #####... in the message.

Action Refer to the *SUPRA Server Messages and Codes Reference Manual*, P25-0020, for an Explanation of the SUPRA RDM processor message.

244 An RDM GET function failed.

Explanation MANTIS requested an RDM GET function that was unsuccessful. MANTIS was trying to read a special RDM built-in view to obtain information from SUPRA RDM about RDM user view.

Action Contact Cincom Support.

246 An RDM SIGN-ON failed: #####

Explanation MANTIS requested an RDM SIGN-ON function that was unsuccessful. The MANTIS message incorporates the message returned by the SUPRA RDM processor. The actual SUPRA DML status code replaces the #####... in the message.

Action Refer to the *SUPRA Server Messages and Codes Reference Manual*, P25-0020, for an Explanation of the SUPRA RDM processor message.

247 An RDM SIGN-OFF failed: #####

Explanation MANTIS requested an RDM SIGN-OFF function that was unsuccessful. The MANTIS message incorporates the message returned by the SUPRA RDM processor messages. The actual SUPRA DML status code replaces the #####... in the message.

Action Refer to the *SUPRA Server Messages and Codes Reference Manual*, P25-0020, for an Explanation of the SUPRA RDM processor message.

248 Type of a field in the view is inconsistent with an existing variable.

Explanation During processing of a VIEW statement, variables are defined in your work area for the selected fields in the user view. The type of each variable is obtained from the description of the corresponding logical data item in the SUPRA Directory. When a variable has the same name as an existing variable in the work area, MANTIS assumes that this is intended to affect the automatic transfer of data between the user view and another entity such as a screen. MANTIS accordingly checks that the types of the variables are consistent.

Action Use the DISPLAY ALL command to display the attributes of all the variables and arrays in your work area to help you to identify the conflicting names or attributes.

- 249 The SCREEN statement did not define the symbolic name.
- Explanation** A CONVERSE keyword must be followed by the symbolic name of a screen defined by a SCREEN statement.
- Action** Supply the correct symbolic name.
- 250 The record retrieved contains an invalid numeric field.
- Explanation** The record contains a numeric field that cannot be converted to its defined internal MANTIS data type.
- Action** Check whether the file profile is correct.
- 251 A MANTIS variable is the wrong type for conversion to external format.
- Explanation** The type of the MANTIS variable is incompatible with the external format specified in the profile.
- Action** Identify and correct the source of the conversion error.
- 252 A conversion error has occurred.
- Explanation** A conversion error has occurred while attempting to convert MANTIS data to an external data format. This may be due to overflow or bad data.
- Action** Identify and correct the source of the conversion error.
- 253 A MANTIS variable is the wrong type for conversion to internal format.
- Explanation** The data type specified in the external field definition is incompatible with the target MANTIS variable data type.
- Action** Identify and correct the source of the conversion error.
- 254 A conversion error has occurred.
- Explanation** A conversion error has occurred while attempting to convert data from an external data format to internal MANTIS format. This may be due to overflow or bad data.
- Action** Identify and correct the source of the conversion error.

261 An attempt to open a print file has failed.

Explanation The print file that you have specified in a PRINTER statement (or the print file specified in your user profile) cannot be opened.

Action Run the program in programming mode and use the HELP LAST command to help identify the cause of the failure.

262 An attempt to write to the print file has failed.

Explanation The print file that you have specified in a PRINTER statement (or the print file specified in your user profile) cannot be written to.

Action Run the program in programming mode and use the HELP LAST command to help identify the cause of the failure.

263 An attempt to close the print file has failed.

Explanation The print file you have specified in a PRINTER statement (or the default print file specified in your user profile) cannot be closed.

Action Run the program in programming mode and use the HELP LAST command to help identify the cause of the failure.

264 Error opening batch input file: ####

Explanation An error occurred trying to open the batch MANTIS input file shown in the error message. The actual filename replaces the #####... in the message.

Action Check that the specified file exists and that you are authorized to open the file for reading.

280 The ENQUEUE request to hold a resource has failed.

Explanation The ENQUEUE request to hold a resource has failed because the name of the resource is invalid, a deadlock situation has occurred between competing processes for the same resource, or the request has been aborted by CTRL-C.

Action Run the program in programming mode and use the HELP LAST command to help identify the cause of the failure.

281 The template parameter is not a TEXT variable.

Explanation The optional template parameter in a CONVERSE statement must be a TEXT variable.

Action Define the template parameter as a TEXT variable.

282 The template parameter is not compatible with IBM.

Explanation Use of the optional parameter in a CONVERSE statement is not compatible with IBM.

Action Do not use the template parameter in IBM compatibility mode.

283 The DEQUEUE request to release a resource has failed.

Explanation Either the name of the resource is invalid or an internal error has occurred.

Action Run the program in programming mode and use the HELP LAST command to help identify the cause of the failure.

284 The TIME parameter is not IBM compatible.

Explanation The use of the optional TIME parameter in a CONVERSE statement is not compatible with IBM.

Action Do not use the TIME parameter in IBM compatibility mode.

285 The TIME parameter cannot be used with the WAIT parameter.

Explanation The use of the optional TIME parameter in a CONVERSE statement is not allowed if the WAIT parameter has also been specified.

Action Do not use both the WAIT and TIME parameters in the same CONVERSE statement.

286 Data is invalid. Please reenter.

Explanation During Screen Design Exit Routine was specified for this field, and this routine indicates that the current value of the field is invalid.

Action Please reenter this field with a valid value.

287 The statement is not allowed in a Field Routine
 (#####).

Explanation You are not allowed to use the CHAIN, CLEAR (no parameter), CONVERSE, and OUTPUT statements in Field Entry and Field Exit Routines. The actual field routine replaces the #####... in the message.

Action Refrain from using any of these statements in Field Entry and Field Exit Routines.

288 Field Entry/Exit Routines are not IBM-compatible.

Explanation Field Entry and Field Exit Routines are not supported in MANTIS for the IBM mainframe.

Action Refrain from using Field Entry and Field Exit Routines when IBM compatibility mode is in effect.

289 The data type of the DEQUEUE parameter is invalid

Explanation The MANTIS data type being used for the DEQUEUE must be of data type TEXT, or the symbolic name defined in a previously executed ULTRA statement or ACCESS statement.

Action Use the correct MANTIS data type in the DEQUEUE statement.

290 ALL must be specified for a keyed DELETE

Explanation For a keyed DELETE statement, the ALL parameter is required.

Action Specify the ALL parameter within the DELETE statement.

300 level messages

301 Your program is not set up correctly.

Explanation This is an internal error.

Action Contact Cincom Support.

302 There is nowhere to return to from the EXIT or RETURN statement.

Explanation The current subprogram was not called by a DO statement, as expected. That is, there is no known caller of this subprogram able to continue program execution.

Action A subroutine cannot be RUN; a DO statement must call it. Typing, "RUN (start line)," where the start line is part of a subprogram, generates this fault.

303 Potential program loop encountered. Enter 'KILL' to terminate.

Explanation Your program has executed more statements than the SLOT and SLICE values allow. It may be in an endless loop.

Action Press RETURN to continue execution of the program or enter 'KILL' in the Reply Field to terminate execution. If you intended your program to execute a number of statements without interacting with the terminal, increase the SLOT or SLICE values to avoid this warning message, or set the NOSLOT MANTIS option.

304 MANTIS is unable to acquire any more memory.

Explanation MANTIS is unable to acquire more memory from the operating system. All internally held memory has been released, and MANTIS is still unable to acquire memory.

Action Possible user errors are:

- ◆ Recursive external subprogram calls (check DOLEVEL)
- ◆ Too many large external subprograms active (check memory usage)
- ◆ Declaration of large arrays and strings (check dimensions).

305 The SLOT quota has been exceeded

Explanation The SLOT MANTIS Option is enabled and the application program hasn't performed a terminal read operation in time to prevent the SLOT quota from running out. The program is terminated because there are uncommitted database updates outstanding. The uncommitted database updates will be backed out by a RESET.

Action Refer to the documentation on the SLOT Option for an Explanation of the effects of SLOT and SLICE on application programs. Perhaps the application is legitimately executing this many statements. You can avoid this fault condition in a number of ways:

- ◆ Use COMMIT more often. When the SLOT quota runs out and there are no uncommitted database updates, MANTIS doesn't terminate the application, but issues the "Potential Program Loop" message and waits for you to either KILL the program or continue it.
- ◆ Disable the SLOT Option. You can only do this if the IBM Option is disabled, but since NOSLOT is the default, this is an unlikely solution
- ◆ BIND the application program(s). MANTIS does not monitor SLOT quota when executing BOUND program code.

310 An arithmetic exception condition has occurred.

Explanation An arithmetic exception can be caused by arithmetic underflow, overflow or division by zero.

Action Check your program logic to avoid the arithmetic exception condition.

320 The user has stopped the program.

Explanation You have keyed CTRL-C, which stops execution of your program. Any current logical unit of work on a database has been reset.

Action You are now back in either MANTIS programming mode or your Facility Selection Menu. Enter the command, statement or option of your choice. You can make MANTIS ignore CTRL-C by setting the NOCTRLC MANTIS Option.

- 330 An error occurred when trying to perform #####.
- Explanation** An error occurred when MANTIS attempted to perform a DCL command in a spawned subprocess via the job logical name MANTIS_CMD. The actual DCL command replaces the #####... in the message.
- Action** Run the program under the Program Design Facility and use HELP LAST to help identify the cause of the failure.
- 351 Insufficient shared memory for Shared Pool (#).
- Explanation** Shared Memory cannot be allocated for the specified Shared Entity Pool. MANTIS will continue without using a Shared Entity Pool. The poolname will replace the # in the message.
- Action** Use the Shared Entity Facility to check that the specified entity list is what you expect. If the Pool is being loaded from an external Shared Pool file, use the Facility to verify the Pool File, and make sure the Pool File size is consistent with the number of entities it contains. Check that Pool DATA sets do not contain more than the expected number of records.
- 354 An attempt to calloc or realloc storage failed
- Explanation** MANTIS was attempting a calloc or realloc of temp storage for FDL processing that failed.
- Action** Contact Cincom Support.
- 355 MANTIS cannot remap the Shared Entity Pool.
- Explanation** MANTIS cannot remap the Shared Pool shared memory segment for read-only access. MANTIS will continue without using a Shared Pool.
- Action** Internal error. Contact Cincom Support.

356 The Shared Pool cannot be marked for deletion.

Explanation The system call to delete the Shared Pool shared memory segment failed.

Action You will have to delete the shared memory segment manually, outside of MANTIS control. This error should not happen unless your MANTIS environment is not set up correctly or has been tampered with since installation. Check that you are running the correct MANTIS executable for your MANTIS class. You might not have the required privileges to delete the shared memory segment, nor acquired the privilege as a result of running the correct MANTIS executable.

357 Shared <type> <libname> status is <status>.

Explanation An error occurred processing a Shared Entity list item during MANTIS initialization. The entity type and library name are specified by the first two message parameters. All entities in error are omitted from the Shared Entity Pool.

Action The last message parameter indicates the problem:

- ◆ DUPLICATE—The entity is duplicated elsewhere in the list. It has already been put into the Shared Pool. Use the Shared Entity Facility to verify the list concerned and delete items with the DUPLICATE status.
- ◆ ERROR—A serious error occurred while processing the entity. This status indicates a corrupt Pool or MANTIS File. Contact Cincom Support.
- ◆ LOGIC—The PROCESS (program) logic is invalid. The number and/or placement of logic block terminator verbs (END, BREAK, NEXT, and EXIT) are at odds with the logic block initiator verbs (IF, WHILE, FOR, etc, and ENTRY). Correct the program's logic.
- ◆ NOTFOUND—The entity was not found in the MANTIS File. Use the Shared Entity Facility to correct the list item, or create the missing entity design in the MANTIS File. Make sure the entity libname specifies the correct MANTIS username.

359 Pool File (name) Not Found.

Explanation The Shared Pool identified by the logical name MANTIS_SHARE was not found. MANTIS first tries to load an external Pool File of that name. Failing that, it tries to build a Shared Pool from an Entity List of that name. This fault is reported when neither a Pool File nor Entity List can be found.

Action Define MANTIS_SHARE properly. The translation of the logical name should identify either an external Shared Pool file, or be the name of an Entity List stored in the MANTIS File.

360 An error occurred when loading routine ##### in #####.

Explanation An error occurred when MANTIS attempted to load the shareable image containing the routine that it wants to call. The routine may not be in the shareable image, the shareable image may not be present, or the logical name for the shareable image may not be set up properly. The actual SUPRA DML status code replaces the #####... in the message.

Action Run the program in programming mode and use the HELP LAST command to help identify the cause of the failure.

361 An error occurred trying to create a global section for an interface.

Explanation An error occurred when MANTIS attempted to create a global section for an external interface.

Action Run the program in programming mode and use the HELP LAST command to help identify the cause of the failure.

362 Pool Version (#) doesn't match MANTIS release (#).

Explanation MANTIS detected that the current Shared Pool Entities does not match the current MANTIS Release Number. This indicates that the Shared Pool Entities in use were built using a previous release of the MANTIS file. The actual pool version and MANTIS release number replaces the # in the message.

Action Rebuild the MANTIS Shared Entities using the current MANTIS file.

363 Must run mantisi.exe for internal interface run marked
 as type Cobol

Explanation MANTIS detected that mantisi.exe was running instead of
mantisi.exe for an internal interface routine marked as Cobol.

Action Bring MANTIS up using the mantisi.exe executable instead of
mantisi.exe to run internal interface routines marked as Cobol. The
mantisi.exe executable is linked with Runtime COBOL Libraries to run
internal interface routines marked as Cobol.

364 Unable to locate Internal Interface (.sl) #####.

Explanation An error occurred when MANTIS attempted to locate the
(.sl) that contains the sharable image to be loaded. The actual (.sl)
filename replaces the #####... in the message.

Action Check that the file pointed to by the logical name and/or path
pointed to in the Interface View exists. Check that you are authorized for
read/execute access.

365 Unable to locate Internal Interface entry_point for
 #####.

Explanation An error occurred when MANTIS attempted to locate the
sharable image entry_point name to be loaded. The actual entry point
name replaces the #####... in the message.

Action Check that Internal Interface View contains the correct name in
the "Internal Routine Name" that is contained within the (.sl) specified
within the view.

366 An error occurred when calling routine #####.

Explanation An error occurred when MANTIS attempted to call the
sharable image entry_point name. The actual routine name replaces the
#####... in the message.

Action Contact Cincom Support.

367

Error #####.

Explanation An error occurred either when MANTIS attempted to open the sharable image using “dlopen” system command or in resolving the symbol (entry point) of the sharable image using the “dlsym” system command. The error message indicates which system command (dlopen or dlsym) received the system error. The actual SUPRA DML status code replaces the #####... string in the message.

Action Check error message for the proper action to correct the system error.

400 level messages

400 A symbolic name is missing.

Explanation A symbolic name, which is required, does not immediately follow a statement keyword.

Action Insert a symbolic name of the appropriate type.

401 The specified string length exceeds the allowed limit.

Explanation You have attempted to declare a variable that exceeds the maximum length defined by the MAXSTRLEN MANTIS Option.

Action Ask your Master User to increase the maximum string length. (If the INTERFACE statement generates this message, contact Cincom Support.)

402 Too many dimensions have been specified.

Explanation Too many dimensions have been specified in an array declaration. The number of dimensions exceeds the maximum number defined by the MAXNODIMS MANTIS Option.

Action Ask your Master User to increase the maximum number of dimensions.

403 An array dimension is out of range.

Explanation A dimension specified in an array declaration exceeds the maximum dimension size defined by the MAXDIMSIZE MANTIS Option.

Action Ask your Master User to increase the maximum number of dimensions.

404 A dimension list is invalid or incorrectly terminated.

Explanation One of the dimensions specified in an array declaration is not an arithmetic expression or the list of dimensions is improperly terminated by a right parenthesis.

Action Correct the dimension list.

405 A symbolic variable reference is incorrectly specified.

Explanation A symbolic variable reference is a numeric or string variable optionally followed by a list of subscripts separated by commas within parentheses. The subscripts may be array subscripts or sub string subscripts.

Action Check the statement syntax. Ensure that the variable is of the correct data type and that all subscripts are valid numeric expressions.

406 An assignment operator is missing.

Explanation The assignment operator is expected in the following circumstances:

- ◆ After the symbolic name following a LET keyword. The LET keyword is optional in MANTIS statements so that if a symbolic name is encountered first on a statement line, an assignment operator will be expected. Note that a list of array subscripts in parentheses or the ROUNDED keyword can precede the assignment operator.
- ◆ The following MANTIS statements require an assignment operator: ASI, ATTRIBUTE, CONVERSE with TIME, DATE, FOR, LANGUAGE, PRINTER, SQLCA, SQLDA, TERMSIZE, TIME.

Action Correct the syntax of the statement.

407 Rounding is valid only for a numeric variable.

Explanation Only numeric variables can be assigned ROUNDED values, and rounding is only applied when the target of the assignment is DECIMAL, BIG, or SMALL.

Action Use ROUNDED with numeric variables only.

408 The receiving variable type is incompatible with an assigned expression.

Explanation The receiving variable or array in a LET statement must be compatible in type with the expression(s) on the right-hand side of the assignment operator. Only arithmetic expressions can be assigned to numeric variables. Only text expressions can be assigned to TEXT variables.

Action Change the type of the variable or change the type of the expression.

409 Too many expressions are assigned to the receiving variable.

Explanation A list of expressions separated by commas can be assigned to consecutive elements of an array given the starting array element on the left-hand side of the assignment operator. The number of expressions allowed is determined by the number of array elements present after the starting array element. More than one expression cannot be assigned to a variable that is not an array.

Action Reconcile the number of expressions with the dimensions or starting element of the receiving variable.

410 An end-of-statement marker is missing.

Explanation All the parameters of a statement or command have been identified according to the syntax without reaching a valid end-of-statement marker (a colon or end-of-line).

Action Correct the syntax of the statement.

411 The command or statement keyword is invalid.

Explanation A command or statement must commence with a valid command or statement keyword.

Action Type HELP RESERVED to display a list of valid command and statement keywords.

412 The CURSOR argument "#" is not allowed in IBM-compatibility mode.

Explanation You cannot use the CURSOR statement using the "INDEX1" or "INDEX2" parameter while running in IBM-compatibility mode. The actual ?????????????? replaces the #####... in the message.

Action Refrain from using "INDEX1" or "INDEX2" parameters with the CURSOR statement as these parameters are exclusive to non-IBM environments.

413 The parameter must be a numeric expression.

Explanation A numeric expression was expected as the next statement parameter but was not found.

Action Check the statement syntax and specify a valid numeric expression where required.

414 Too many arguments have been specified.

Explanation The maximum number of arguments allowed in an ENTRY statement is 255.

Action Reduce the number of arguments.

415 The HELP Library parameter is not compatible with MANTIS for the IBM.

Explanation The optional second parameter in the PROMPT statement specifies a HELP Library, and is a request to use external HELP facilities to locate and display the help information. This capability is not supported in MANTIS for the IBM.

Action Omit the second parameter. Make sure that the first parameter is a libname identifying a PROMPTER in the MANTIS File.

416 The program line number is invalid.

Explanation The RUN command has two optional parameters: a libname and a program line number. If the first parameter specified is not a text libname (expressions are not allowed), then it is assumed to be a program line number and must be an arithmetic expression.

Action Specify the libname or the line number in the correct format.

417 The first parameter must be a libname or a program line number.

Explanation The first parameter of a RUN or COPY command does not satisfy the syntax of the command. The parameter in error is not a text or arithmetic expression, nor is it an expected keyword (FIRST, LAST, or AFTER).

Action Correct the syntax of the command or the spelling of the parameters.

418 The supplied starting line number is invalid.

Explanation In the ALTER, CHANGE, COPY, ERASE, LIST, and USAGE commands, the parameter specifying the starting program line number must be an arithmetic expression.

Action Correct the line number parameter.

419 The expression is the wrong type for a logic statement.

Explanation The IF, UNTIL, WHEN, and WHILE statements require a relational expression or an arithmetic expression after the keyword. Both types of expression have numeric values. Nonzero values represent TRUE; zero values represent FALSE.

Action Use a relational expression or an arithmetic expression in the logic statement.

420 The ending line number was not found in the program.

Explanation In the COPY and ERASE commands, the parameter specifying the ending program line number must evaluate to an existing line number in your program. These are the only commands that must have an exact ending program line number.

Action Specify the ending line number correctly.

421 The starting line number was not found in the program.

Explanation In the ALTER, CHANGE, COPY, ERASE, and RUN commands, the parameter specifying the starting program line number must evaluate to a line number in your program. The above commands require that you specify the starting line number exactly. In the LIST and USAGE commands, the specified starting line number must be within the program limits.

Action Specify the starting line number correctly.

422 The supplied ending line number is invalid.

Explanation In the ALTER, COPY, and ERASE commands, the parameter for the ending program line number must be an arithmetic expression.

Action Specify the ending line number correctly.

423 An arithmetic expression is required for the line increment.

Explanation The program line increment parameter for the SEQUENCE command must be an arithmetic expression.

Action Specify the line increment parameter correctly.

- 424 The starting line number overlaps previous program lines.
- Explanation** When the SEQUENCE command is used to sequence a subprogram, the starting line number specified must be greater than the program line number immediately preceding the ENTRY statement of the specified subprogram.
- Action** Specify the starting line number correctly.
- 425 The first parameter must be an entry-name or a line number.
- Explanation** The first parameter of the SEQUENCE statement must be either a subprogram entry-name (if you want to sequence only that subprogram) or a program line number. An entry-name or an arithmetic expression is expected.
- Action** Specify the entry-name or line number correctly.
- 426 The specified subprogram was not found.
- Explanation** The entry-name supplied in the SEQUENCE command was not found in the current program.
- Action** Check that the symbolic name you supplied is a valid entry-name by entering the command: DISPLAY entry-name.
- 428 You are not authorized to use this statement.
- Explanation** This statement is for privileged users only.
- Action** Refrain from using this statement or ask advice from your Master User.
- 429 The parameter must be a text expression.
- Explanation** A text expression was expected as the next statement parameter but was not found
- Action** Check the statement syntax and specify a valid text expression where required.

430 The symbolic name was not defined in a FILE, ACCESS, ULTRA, or VIEW statement.

Explanation The TRAP statement requires the symbolic name of a MANTIS file, external file, ULTRA file view, or RDM user view. Such a symbolic name must be defined by a FILE, ACCESS, ULTRA, or VIEW statement, respectively.

Action Specify the correct symbolic name.

431 The Windowing row and optional column increments are invalid.

Explanation The SCROLL statement accepts row and column windowing increments. They must be numeric expressions separated by a comma. For example: SCROLL 10,20. This statement sets windowing increments of 10 rows and 20 columns. This is the number of rows scrolled when the Window UP/DOWN command is received and the number of columns scrolled when the Window LEFT/RIGHT command is received.

Action Correct your specification of the row and column windowing increments.

432 You are not allowed access to this program.

Explanation If you are not the owner of a program that you have loaded or executed during Program Design, you cannot execute any commands while the program is in your work area except UP, DOWN, and QUIT.

Action Specify the correct password in a LOAD or PROGRAM statement.

433 The parameter must be a DBCS expression

Explanation A DBCS expression was expected as the next statement parameter but was not found.

Action Check the statement syntax and specify a valid DBCS expression where required..

- 434 The number of lines is not an arithmetic expression.
- Explanation** The final optional parameter in a CHANGE, LIST, or USAGE command specifies the number of program lines to be operated upon by the command. This parameter must be an arithmetic expression.
- Action** Specify the number of lines correctly.
- 435 An ENTRY statement was encountered during program execution.
- Explanation** If your main program is followed by an internal subroutine, you must either include a STOP or RETURN statement at the end of the main program, or include ENTRY and EXIT statements around the main program.
- Action** Add ENTRY and EXIT statements around the main program, or include a STOP or RETURN statement at the end of the main program.
- 437 A symbolic name is missing for the entry-name.
- Explanation** Either the entry-name or program-name on the DO statement is invalid, or the entry-name is not specified correctly in the ENTRY statement of the called program.
- Action** Correct the entry-name parameter.
- 438 The symbolic name (####) specified is not a valid program-name or entry-name.
- Explanation** The symbolic name specified in the DO statement or for a field entry/exit routine is not the name of a program defined by a PROGRAM statement or an ENTRY statement. The actual symbolic name replaces the ####... in the message.
- Action** Specify the name of the subprogram correctly.
- 439 The limit of nested external subprogram calls has been reached.
- Explanation** A nested external subprogram is one that was itself called from an active external subprogram. The limit of such nested calls is defined by the MAXDOLEVELS MANTIS Option.
- Action** Ask your Master User to increase the maximum number of external DO levels.

440 There is no ENTRY statement on the called subprogram.

Explanation A program invoked by external DO must have an ENTRY statement as the first statement.

Action Ensure that the program being called is enclosed with an ENTRY-EXIT and that the ENTRY is the first statement.

441 The number of actual parameters is incorrect.

Explanation There are two situations in which this error may arise:

- ◆ The number of parameters on a DO statement must be the same as the number of formal parameters specified on the ENTRY statement of the called program.
- ◆ The number of parameters on a CHAIN statement must be no more than the number of formal parameters specified on the ENTRY statement of the called program. If there is no ENTRY statement then no arguments can be passed.

Action Correct the number of parameters specified on the DO, CHAIN or ENTRY statement.

442 You have attempted to recursively DO an internal subprogram.

Explanation A subprogram must not call itself using internal DO.

Action Change the internal subprogram to a self-contained program and use external DO to call it. From within the subprogram, use external DO to call the program itself.

443 An ENTRY statement parameter is not a MANTIS variable name.

Explanation The formal parameters on an ENTRY statement must be MANTIS variable names, that is, expressions are not allowed as parameters.

Action Correct the parameter on the ENTRY statement.

- 445 A parameter is specified as an expression in IBM compatibility mode.
- Explanation** When running in IBM compatibility mode, the parameters on a CHAIN or DO statement must be MANTIS variable names; that is, expressions are not permitted.
- Action** Either assign the desired expression to a suitable MANTIS variable and pass this variable as the CHAIN/DO parameter, or ask your Master User to turn off IBM compatibility mode.
- 446 A string value is required for the CHANGE strings.
- Explanation** This error should never occur.
- Action** Contact Cincom Support.
- 447 A terminating delimiter is missing.
- Explanation** The CHANGE command requires the new and old strings to be delimited by a comma, semicolon, or apostrophe.
- Action** Check that three delimiters match correctly.
- 448 The supplied password is invalid.
- Explanation** The password parameter on the PROGRAM statement must be a valid TEXT expression.
- Action** Correct the password parameter.
- 449 The line number specified to copy lines after is invalid.
- Explanation** The parameter following the keyword AFTER must be an arithmetic expression that evaluates to a valid program line number.
- Action** Correct the line number parameter following the AFTER keyword.
- 451 The required FIRST, LAST or AFTER destination parameter is missing.
- Explanation** The COPY command requires a destination parameter, which is missing. The destination parameter must be one of FIRST, LAST, or AFTER.
- Action** Supply the required destination parameter.

452 The specified source program is empty.

Explanation The source program specified in the COPY statement does not contain any program statements. No lines were copied.

Action Specify a valid source program.

453 The specified destination program is empty.

Explanation The program in your work area does not contain any program statements and a line number specifying the destination of the COPY statement was given. The destination position could not be resolved.

Action Specify FIRST or LAST as the destination position.

454 The source (end) parameter must be LAST or a line number.

Explanation The parameter in the COPY statement, which defines the end of the source program segment, is invalid.

Action Specify LAST or a valid line number for that parameter.

455 The prompter does not exist.

Explanation The key of the prompter as specified in the PROMPT or HELP statement does not exist in the library.

Action Specify a key for an existing prompter.

456 All referenced data types must be one of INTEGER, SMALL, BIG, DECIMAL, or TEXT.

Explanation All data types referenced in all expressions and in some statements must be one of INTEGER, SMALL, BIG, DECIMAL, or TEXT. One of the data types in the statement is of another type.

Action Use the correct data type for the statement.

457 The required ALL or symbolic name parameter is missing.

Explanation The DISPLAY statement parameter must be a symbolic name, the keyword ALL, or a text expression giving an options specification.

Action Supply the required DISPLAY parameter.

- 458 The parameter must be ALL or a symbolic name.
- Explanation** The DISPLAY statement parameter must be a symbolic name, the keyword ALL, or a text expression giving an options specification.
- Action** Supply the required DISPLAY parameter.
- 459 The parameter must be a message number, keyword, RESERVED, or LAST.
- Explanation** The optional parameter in the HELP command must be a message number, MANTIS keyword, RESERVED, or LAST.
- Action** Specify a valid HELP parameter.
- 460 The parameter must be a text expression.
- Explanation** The PERFORM command requires a parameter that must be a text expression.
- Action** Specify a valid text expression.
- 461 The interface-name must be a symbolic name.
- Explanation** The CALL statement requires an interface name parameter that must be a symbolic name.
- Action** Specify a symbolic name for the interface name.
- 462 The UPPERCASE function is not allowed in IBM compatibility mode.
- Explanation** The built-in MANTIS string function is not portable to IBM MANTIS and cannot be used when IBM compatibility mode is turned on.
- Action** Avoid using the UPPERCASE function or ask your Master User to turn off IBM compatibility mode.
- 463 The destination parameter must be SCREEN or PRINTER.
- Explanation** The OUTPUT statement requires a destination parameter, which must be SCREEN, PRINTER, or SCREEN PRINTER.
- Action** Supply the required destination parameter.

464 The opening delimiter is invalid.

Explanation The CHANGE command expects the new and old strings to be delimited by a comma, semicolon, or apostrophe.

Action Supply the correct delimiter.

466 There are too many parameters.

Explanation The CALL statement calls an interface with more parameters than the number defined in the interface definition.

Action Call the interface with the correct number of parameters.

467 The function specified for CLEAR is not recognized.

Explanation The CLEAR verb accepts one or more of the following parameter values: ALL, TRAP, BREAK, any simple or complex program variable name, scalar, or array. The parameter supplied is not one of the above.

Action Specify a valid parameter value.

468 The function specified for SET is not recognized.

Explanation The SET verb accepts either BREAK, TRAP, \$SYMBOL, \$LOGICAL, or \$OPTION as a parameter value.

Action Specify a valid parameter value.

469 The screen name parameter must be a symbolic name.

Explanation The first of two parameters in the CURSOR and MODIFIED functions must be a symbolic name, which has been defined previously in a SCREEN statement.

Action Specify a symbolic name for the screen-name.

470 The exit parameter must be a text expression.

Explanation The optional printer exit parameter in the OUTPUT statement must be a valid 1 to 8-character text expression, which contains the printer exit program name. This is supported for IBM compatibility only.

Action Specify a valid text expression.

471 The symbolic name is not a valid screen name.

Explanation The screen-name parameter in the ATTRIBUTE statement must be a MANTIS symbolic name, which has been previously defined in a SCREEN statement.

Action Specify a valid screen name.

472 The field-name parameter must be a symbolic name.

Explanation The optional field name parameter in the ATTRIBUTE statement must be a MANTIS symbolic name, which is the name of a field in the specified screen.

Action Specify a symbolic name.

473 The field-name is not defined in the screen.

Explanation The optional field name parameter in the ATTRIBUTE statement must be a MANTIS symbolic name, which is the name of a field in the specified screen. The specified field name is not defined or it has not been defined in the specified screen.

Action Specify a field name that is defined in the specified screen.

474 The attribute specification is invalid.

Explanation The attribute parameter in the ATTRIBUTE statement must be a valid text expression containing a list of valid screen attributes each at least three characters in length and separated by commas.

Action Specify a valid list of attributes. Refer to the ATTRIBUTE statement in *AD/Advantage MANTIS Language OpenVMS/UNIX*, P39-1310, for details, or use HELP ATTRIBUTES.

475 The DISPLAY parameter is invalid.

Explanation The DISPLAY statement parameter must be a symbolic name, the keyword ALL, or a text expression giving an options specification.

Action Supply the required DISPLAY parameter.

476 The receiving variable must be a symbolic name.

Explanation The receiving variable parameter in the OBTAIN statement must be a valid MANTIS symbolic name.

Action Specify a valid symbolic name.

478 The numeric value has caused an overflow or underflow.

Explanation The numeric input received by the OBTAIN statement is invalid because it is too large or too small to be stored internally by MANTIS. This is a floating-point limitation. For SMALL and BIG variables, this is a platform dependent floating-point limitation. For DECIMAL variables, the exponent must be in the range -128 to 127.

Action Specify a value within the acceptable range.

479 One of the attribute values is not allowed in IBM compatibility mode.

Explanation When IBM compatibility mode is in effect, no field attributes incompatible with MANTIS for the IBM mainframe are permitted in an ATTRIBUTE statement. The attributes that are not IBM compatible are as follows: LOWERCASE, UPPERCASE, MESSAGE, REVERSE FULL FIELD, UNDERLINE FULL FIELD, PROTECT INPUT ONLY, and C00 through C15.

Action Do not use any of these attributes in IBM compatibility mode. You can force uppercase conversion through the terminal driver if necessary, and that would be more consistent with MANTIS for the IBM mainframe. Similarly, you can change the terminal setting to match the desired color with the nearest IBM compatible color, that is, one of the following: RED, GREEN, BLUE, YELLOW, TURQUOISE, PINK, or NEUTRAL.

480 The tab value must be an arithmetic expression.

Explanation The optional AT(tab) parameter in the SHOW command must be an arithmetic expression.

Action Specify an arithmetic expression.

- 481 The required heading parameter is missing or invalid.
- Explanation** The parameter to the HEAD statement must be a 1–48 character text expression.
- Action** Supply a valid heading parameter.
- 482 The line number parameter is invalid.
- Explanation** The line number parameter in the SET BREAK command is not valid. It must be an arithmetic expression that evaluates to a line number in your program.
- Action** Specify a valid line number.
- 483 A breakpoint is not set for that line number.
- Explanation** The line number specified in the CLEAR BREAK command did not have a breakpoint set for it.
- Action** Specify a line number in which a breakpoint has been defined.
- 484 The command parameter must be a text expression.
- Explanation** The optional command parameter in the SET BREAK command must be a valid text expression, which evaluates to a MANTIS command.
- Action** Specify a text expression.
- 485 The program line does not exist.
- Explanation** The program line parameter in the SET BREAK command must evaluate to a line number that exists in your program. The specified line number does not exist.
- Action** Specify an existing line number.
- 486 The breakpoint table is full.
- Explanation** The breakpoint table is a finite size and has been filled. No further breakpoints may be set until existing breakpoints are cleared.
- Action** Clear some existing breakpoints to make room for new ones.

487 The program has stopped at a breakpoint.

Explanation A breakpoint has been set at the current line number and control is passed to it. MANTIS has temporarily stopped execution of your program at this point and placed you in programming mode. MANTIS continues execution of your program from this point when you enter GO.

Action Enter the command(s) of your choice and enter GO when ready.

490 The parameter data type is not valid.

Explanation The parameters in DO and CHAIN statements have the following restrictions:

- ◆ The symbolic names for ENTRY, SCREEN, FILE, ACCESS, ULTRA, VIEW, or INTERFACE are not allowed as CHAIN parameters.
- ◆ Symbolic names for ENTRY variables cannot be passed as parameters to an external DO.

Action Restructure the application to use external DO instead of CHAIN. Complex variables may be passed (by reference) to external subprograms, but in that case, the fields defined in the complex variable cannot be referenced in the external subprogram.

491 The field name does not exist in the view.

Explanation The field with the symbolic name supplied to the ASI function does not exist in the specified RDM user view. Note that if a SELECT is used on the corresponding VIEW statement, then only fields named in the field list of the SELECT can be supplied to the ASI function.

Action If a SELECT is used on the corresponding VIEW statement, add the field in question to the field-list of the SELECT. Otherwise, specify a field name that exists in the RDM user view.

492 The field-name must be a symbolic name.

Explanation The field name parameter specified in the ASI function must be a MANTIS symbolic name.

Action Specify a symbolic name.

- 493 The parameter must be the symbolic name of a text variable.
- Explanation** The text parameter in the FSI function must be a valid MANTIS symbolic name, which has been defined as a text variable.
- Action** Specify the symbolic name of a text variable.
- 494 The view-name must be a symbolic name.
- Explanation** The view-name parameter in the ASI, FSI, and VSI functions must be a valid MANTIS symbolic name.
- Action** Specify a symbolic name.
- 495 The view does not exist.
- Explanation** The view-name specified in the ASI, FSI, or VSI statement does not exist.
- Action** Specify a view-name that exists.
- 496 The line number must not define a continuation line.
- Explanation** The line number parameter in the SET BREAK command defines a continuation line. Breakpoints cannot be set on continuation lines.
- Action** Specify a line number that does not start with an apostrophe.
- 497 The RELEASE statement parameter is incorrectly specified.
- Explanation** The RELEASE statement requires the symbolic name of an RDM user view, a program-name or an external file-name. The symbolic name must have been defined in a previously executed VIEW, PROGRAM, or ACCESS statement.
- Action** Use the DISPLAY command to check the data type of the parameter you have specified
- 498 The CLEAR parameter is invalid.
- Explanation** An ENTRY or PROGRAM variable has been specified as a parameter to the CLEAR statement.
- Action** Remove all ENTRY or PROGRAM variables from the clear statement.

499

The DBMOD parameter is invalid

Explanation The DBMOD specified in the ULTRA statement is either not a valid text expression or it does not specify a 6-character DBMOD name. If the specified DBMOD (say #####) is a pointer, via the logical name MANTIS_DBMOD_#####, the resulting logical name translation must also be exactly 6 characters. The actual SUPRA DML status code replaces the #####... in the message.

Action For the ULTRA ON statement, specify a text expression for the DBMOD parameter, which evaluates to exactly 6 characters. For the ULTRA and ULTRA ON statements, check that any logical name translation for MANTIS_DBMOD_#####, where ##### is the specified DBMOD, is also exactly 6 characters.

500 level messages

500 The parameter value must be positive.

Explanation A nonpositive parameter has been specified in the CHANGE, GO, UP/DOWN, LIST, SEQUENCE, or USAGE command where a positive parameter is required.

Action Specify a positive parameter.

501 Your program is not set up correctly.

Explanation Commands require a test program context on which to operate.

Action If this error occurs in Program Design, contact Cincom Support.

502 Your program does not contain any lines.

Explanation You cannot SAVE or REPLACE a null program.

Action Ensure that your program contains at least one line.

503 The libname parameter is either missing or incorrectly specified.

Explanation The SAVE, LOAD, and PURGE commands all require that a libname be specified as the first parameter. It is optional on REPLACE. The libname parameter specifies the name of an entity in a user's library in the format [user-name:] entity-name. The user-name cannot exceed 16 characters. The entity-name cannot exceed 30 characters.

Action Either supply or correct the libname parameter.

504 The password parameter is incorrectly specified.

Explanation The password parameter must be a text expression, which evaluates to a value of not more than 16 characters. This parameter is optional on the LOAD, SAVE, REPLACE, and PURGE commands.

Action Correct the password parameter.

505 The description parameter is not a valid text expression.

Explanation The description parameter must be a text expression. It may be specified as any length, but is always truncated to 48 characters.

Action Correct the description parameter.

506 The specified program already exists.

Explanation The SAVE command may be used to save a program only if it does not already exist.

Action Use the REPLACE command to replace an existing program.

507 An unexpected parameter is specified.

Explanation After processing all parameters on a LOAD, SAVE, REPLACE, PURGE, NEW, or EDIT command, another unexpected parameter was found.

Action Remove the unexpected parameter.

508 You are not permitted the requested access to another user's library.

Explanation No user may access any entities in the CONTROL user's library. All users may access entities and LOAD programs from all other user's libraries provided the correct password is supplied. All users may execute any program belonging to any other user, but they may not edit it unless the correct password is supplied. Only the Master User may SAVE, REPLACE, or PURGE programs in other user's libraries.

Action Either supply the correct password or ask a sufficiently authorized user to perform the desired operation.

509 The program does not exist.

Explanation The program name parameter specifies a program name preceded by a colon and a user-name if another user's library is to be searched. (Your own library is the default.) There is no program with the specified name in the library. You can use the Directory Facility to show the programs in your own library.

Action Correct the program name parameter.

- 511 The supplied password is incorrect.
- Explanation** To LOAD a program from another user's library or to PURGE a program from your own library, the correct password must be supplied explicitly or by default. The default password is the password of the most recently loaded program or your sign-on password if this is the first LOAD command issued since entering Program Design.
- Action** Supply the correct password.
- 512 Program deletion failed.
- Explanation** MANTIS received an error status when attempting to delete a program profile record from the MANTIS file.
- Action** Obtain diagnostic information by using the HELP LAST command to display the last system message.
- 513 Program replace failed.
- Explanation** MANTIS received an error status when attempting to update a program profile record on the MANTIS file.
- Action** Obtain diagnostic information by using the HELP LAST command to display last system message.
- 514 REPLACE EXTERNAL FILE is not supported.
- Explanation** The SAVE FILE command always creates a new version of the specified external file; therefore, a REPLACE FILE command is not required.
- Action** Use the SAVE FILE command.
- 515 The file is reserved; no access is permitted.
- Explanation** The FILE statement specifies a file-name that is one of the files reserved for MANTIS internal use only. You may not access the specified file.
- Action** Use a different file name.

516 The TIME parameter is incorrectly specified.

Explanation The TIME parameter must be a text expression, which evaluates to a value of exactly 8 characters. This parameter is optional on the SAVE and REPLACE commands but is not yet available for general release.

Action You are not allowed to specify a replacement time.

517 The DATE parameter is incorrectly specified.

Explanation The DATE parameter must be a text expression, which evaluates to a value of exactly 8 characters.

Action You are not allowed to specify a replacement date.

518 The CMS function is invalid or unsupported parameter.

Explanation Only INSERT (create), UPDATE (replace), GET (reserve), RELEASE (unreserve), and SHOW are supported for CMS functions.

Action Refrain from using the unsupported function or correct the CMS function parameter.

520 The external file specification is missing or invalid.

Explanation An external file specification must follow the FILE keyword on the EDIT, SAVE, and LOAD commands. It must be a valid external file specification.

Action Correct the external file specification parameter.

523 Program load from an external file failed.

Explanation MANTIS received an error status when reading a MANTIS program from an external file on a LOAD FILE command or upon returning from an EDIT FILE command.

Action Obtain diagnostic information by using the HELP LAST command to display the last system message.

- 524 Program save to an external file failed.
- Explanation** MANTIS received an error status when writing a MANTIS program to an external file on a SAVE FILE command or an EDIT FILE command.
- Action** Obtain diagnostic information by using the HELP LAST command to display the last system message.
- 530 This function is not available.
- Explanation** The requested function or facility is an optional feature, which is not supplied in your configuration of MANTIS.
- Action** If you wish to use this feature, please contact Cincom Support and ask for details.
- 551 ALPHA string comparison mode is not compatible with MANTIS for IBM.
- Explanation** You cannot specify ALPHA string comparison mode when running MANTIS with the IBM MANTIS Option enabled. MANTIS for the IBM mainframe only supports LENGTH based string comparisons. MANTIS forces LENGTH based comparisons when the IBM MANTIS Option is set.
- Action** Specify LENGTH as the string comparison mode.
- 552 The maximum record length (#) is not compatible with MANTIS for IBM.
- Explanation** The maximum record length specified in the external file design exceeds the limit of 18000 bytes in IBM compatibility mode. For this to happen, the design must have been created without running in IBM compatibility mode.
- Action** Redesign the external file for compatibility with MANTIS for IBM. The record must not exceed 18000 bytes.

553 The external program name length is not compatible with MANTIS for IBM.

Explanation In MANTIS for IBM, external program names are restricted to 1–8 characters in length. The Interface design specifies an external program name, which is too long and is not allowed when MANTIS is running in IBM compatibility mode.

Action Shorten the external program name to 1–8 characters in length. The use of logical names is recommended for this purpose.

560 The VALUE function qualifier must be one of INTEGER, BIG, or DECIMAL.

Explanation The optional qualifier in the VALUE function specifies what data type will be returned by the function and dictates how the numeric string parameter is interpreted. The allowed qualifiers are INTEGER, BIG, and DECIMAL. The default is BIG, which is consistent with earlier releases of MANTIS.

Action Specify one of INTEGER, BIG, or DECIMAL, or omit the second parameter to the VALUE function and take the default return type of BIG.

561 Incompatible data types for conversion.

Explanation The data type specified does not match the data type required. MANTIS normally converts the data automatically, but you are not allowed to convert between DBCS and TEXT, or between numeric and nonnumeric data types.

Action Specify the correct data type.

562 Invalid operation. MANTIS File has READ-ONLY access.

Explanation The MANTIS File was opened for READ-ONLY and you have attempted an operation that requires WRITE access. The MANTIS File is normally opened for READ-WRITE access, and this can only be changed by setting the READONLY MANTIS Option.

Action Ask your Master User to disable the READONLY MANTIS Option, or refrain from executing this type of operation.

563 WRITE access is not allowed on MANTIS File (#).

Explanation The MANTIS File was opened for READ-ONLY because it was WRITE protected. The actual filename replaces the # in the message.

Action Ask your Master User to change the file protection on the MANTIS File, or refrain from executing this type of operation.

564 Operand precision is too big for IBM compatibility.

Explanation In MANTIS for the IBM mainframe, division and multiplication operations on DECIMAL operands are restricted to some extent. A DECIMAL divisor may not contain more than 15 significant digits, and for multiplication, either of the operands may contain more than 15 significant digits, but not both.

Action Ask your Master User to disable the IBM MANTIS Option, or add program code to check that DECIMAL operands are within the allowed limits for IBM mainframe MANTIS.

570 UPDATE <screen> is not IBM compatible.

Explanation MANTIS for the IBM mainframe does not support UPDATE <screen> (where <screen> is the symbolic name of a screen as specified in a previous SCREEN statement).

Action Ask your Master User to disable the IBM MANTIS Option, or refrain from using the UPDATE <screen> statement.

571 The LEVEL keyword is not allowed in an UPDATE <screen> statement.

Explanation A LEVEL specification is not relevant to an UPDATE <screen> statement, and is not allowed.

Action Do not specify the LEVEL keyword in an UPDATE <screen> statement.

600 level messages

600 An entry-name is multiple defined in the program.

Explanation There is an entry-name that is associated with more than one ENTRY statement in the program.

Action Use the USAGE command to find all occurrences of ENTRY and examine each one for a duplicate name.

602 Fault Traps are not compatible with MANTIS for IBM.

Explanation SET TRAP is incompatible with MANTIS for the IBM mainframe, and is not portable.

Action Ask your Master User to disable the IBM MANTIS Option, or refrain from using fault traps in your application.

603 A program-name or entry-name must be supplied.

Explanation The SET TRAP parameter is the name of an internal or external subprogram to handle the error condition. This must be a name declared either on an ENTRY or PROGRAM statement within the current program.

Action Specify a program-name or entry-name.

605 The number of lines to execute is incorrectly supplied.

Explanation The GO command requires a numeric expression giving the number of program statements to execute before a "Program Breakpoint" stop is simulated. The parameter given is not a valid expression giving a numeric result.

Action Specify a valid numeric expression.

606 The EDIT LIST parameter must be an unsubscripted string variable.

Explanation The EDIT LIST parameter must be an unsubscripted string variable. You must specify the symbolic name of a scalar or 1-dimensional TEXT or DBCS variable. You are not allowed to EDIT 2-dimensional arrays.

Action Use the DISPLAY command to check the type and dimensions of the parameter.

- 607 No more than one dimension is allowed for EDIT LIST.
- Explanation** The EDIT LIST facility handles one-dimensional lists only. An array of two or more dimensions is not acceptable as input to the Full-Screen Editor.
- Action** Use the DISPLAY command to check that the parameter names specified are defined as TEXT with not more than one dimension.
- 608 The specified number of program lines has been executed.
- Explanation** The number of lines specified in the previous GO command has been executed. Program execution is suspended at the line displayed.
- Action** Use the GO command to proceed with program execution.
- 609 The function is not recognized (\$).
- Explanation** The function identified by the dollar sign is not recognized.
- Action** Do not use the dollar sign except to specify a valid MANTIS built-in function.
- 610 The verb is not compatible with IBM.
- Explanation** The following program verbs are not yet available in MANTIS for the IBM mainframe: BREAK, FOR, NEXT, RETURN.
- Action** Ask your Master User to disable the **IBM** MANTIS Option, or rework your program logic to avoid the use of these statements.

611 The parameters for SIZE have conflicting attributes.

Explanation The two parameters supplied in the SIZE function conflict with each other. The first parameter can be the name of any text or numeric program variable. The second parameter may be one of the following.

- ◆ “MAX”—applies only to TEXT variables and returns the maximum defined length of the variable or elements of the array specified.
- ◆ “DIM”—applies only to numeric or TEXT array names and returns the number of dimensions for the array.
- ◆ n —specifies an array dimension (1, 2,...) and returns the size of the specified dimension (the number of elements defined for that dimension).
- ◆ “BYT”—applies only to scalar TEXT or DBCS variables and returns the size, in bytes, of the current string stored in the variable.

Action Correct the attributes for the SIZE parameter.

612 The separator TO is missing.

Explanation The FOR statement requires a TO clause to give the final value of the loop counter.

Action There is probably a syntax error in the FOR clause. Check that the expression assigning an initial value to the loop counter is valid.

613 The FOR loop counter variable is invalid.

Explanation The target of the FOR statement assignment must be a numeric variable or array element.

Action Use the DISPLAY statement to check the type of the variable.

615 The first FORMAT parameter must be a numeric expression.

Explanation The first parameter of the FORMAT function must be a numeric expression giving the number to be converted to text according to the edit mask given by the second parameter.

Action Check the syntax of the first parameter and verify that it generates a numeric result.

- 616 The second FORMAT parameter must be a text expression.
- Explanation** The second parameter of the FORMAT function must be a text expression giving an edit mask that describes the format of the converted number given by the first parameter.
- Action** Check the syntax of the second parameter and verify that it generates a text result.
- 617 The optional SIZE parameter is inappropriate or invalid.
- Explanation** The optional second parameter for the SIZE function must either be "DIM," "MAX," "BYT," or an arithmetic expression giving a positive array dimension value. The first parameter must be a defined variable.
- Action** Use the DISPLAY command to examine the individual parameters.
- 618 The Interface design is invalid.
- Explanation** One of the fields specified in the Interface Design is invalid.
- Action** If an INTERNAL INTERFACE PROGRAM is specified, check that the subroutine name and program name are correctly specified in the Interface Design.
- 619 A CLEAR parameter is not compatible with MANTIS for the IBM mainframe.
- Explanation** In MANTIS for the IBM mainframe, the CLEAR verb accepts only a screen-name as a parameter.
- Action** Ask your Master User to disable the IBM MANTIS Option, or refrain from using this feature of the CLEAR statement.
- 620 This form of the statement is reserved for privileged users.
- Explanation** Some attribute settings are reserved for privileged use.
- Action** Use only the features of the ATTRIBUTE statement/function documented in *AD/Advantage MANTIS Language OpenVMS/UNIX*, P39-1310.

621 The first PAD/UNPAD parameter must be a string variable (element).

Explanation A TEXT or DBCS variable or array element must be the first parameter of the PAD or UNPAD statement. The first parameter after the statement keyword is not a TEXT or DBCS variable.

Action Supply a TEXT or DBCS variable or array element as the first parameter to the PAD or UNPAD statement.

622 The pad character is incorrectly specified.

Explanation The pad character, if specified, must be the second parameter of the PAD or UNPAD statement. It is an expression that must give a string result whose type (TEXT or DBCS) must match the type of variable being padded.

Action Check that the first PAD or UNPAD parameter and the following expression for the pad character both evaluate to the same type of result.

623 The argument to the CURSOR function is incorrectly specified.

Explanation The single argument form of the CURSOR function expects a text expression specifying one of: "SCREEN," "FIELD," "INDEX1," or "INDEX2."

Action Correct the parameter.

624 Substring subscripts are not allowed with a BEFORE/AFTER/ALL qualifier.

Explanation The qualifiers BEFORE, AFTER, and ALL are not allowed in conjunction with a substring reference in the first PAD or UNPAD parameter. These qualifiers specify where padding is to occur but a substring reference requests an overlaying function, not a padding function. You cannot disjoin a substring from its parent string. The above qualifiers apply only to whole strings.

Action Do not use substring subscripts in conjunction with a BEFORE, AFTER, or ALL qualifier.

625 The logical name table parameter is missing or incorrectly specified.

Explanation The SET \$SYMBOL and SET \$LOGICAL statements require a text or numeric expression for the symbol value or logical name respectively.

Action Specify a text or numeric expression for the value parameter.

626 An error occurred assigning the value to the symbol/logical name.

Explanation The SET \$SYMBOL or SET \$LOGICAL operation has failed. The error was detected upon return from the system call involved. An error log message should have been generated describing the condition.

Action Check the symbol or logical name expression for validity. You can't specify a null value for assignment to logical names, but spaces are acceptable.

627 The SHOW parameters BREAK, NEXT, and TRAP are not IBM compatible.

Explanation The BREAK, NEXT, and TRAP keywords are not yet supported in the SHOW statement in MANTIS for the IBM mainframe.

Action Ask your Master to disable the IBM MANTIS Option, or refrain from using these features of the SHOW statement.

628 The indirect reference operand is invalid

Explanation The indirect operator (&) must be followed by a valid indirect reference expression giving the name of the variable. Note that array elements are not valid indirect reference operands because the indirect operator binds to the array name before the array subscripts do.

Action You may need to enclose the indirect reference operand in parentheses. Refer to *AD/Advantage MANTIS Language OpenVMS/UNIX*, P39-1310, for the specific rules governing a valid indirect reference operand.

629 Text expressions are required for the view-name and optional password.

Explanation The parameters, which must follow VIEW ON, are the RDM user name and, optionally, the RDM user's password. For example, 100 VIEW ON ("MYNAME","MYPSW"). Only text expressions are acceptable for these parameters.

Action Supply a text expression.

633 The use of NEXT on a keyed GET is not IBM compatible.

Explanation MANTIS does not support The NEXT keyword on a keyed GET for the IBM mainframe.

Action Consult your Master User.

634 The use of DBCS features requires a Kanji-MANTIS license.

Explanation DBCS and mixed DBCS/text data are in no way supported in this version of MANTIS. A Kanji-MANTIS license is available and is required to properly handle any 2-byte character data.

Action Execute the command SHOW \$OPTION ("KANJI") to check if you are running a Kanji-MANTIS. Contact Cincom Support for further information and instructions about obtaining a Kanji-MANTIS license.

635 A sequential file must have a reference variable in order to do updates.

Explanation In order to update a sequential external file, MANTIS requires a reference variable. The RFA (Record File Address) of the most recently retrieved record is stored in the reference variable. This RFA is used if you subsequently update the record.

Action Define a reference variable for this file using the External File Design Facility.

636 The text portion of a mixed-TEXT field contains an invalid character.

Explanation MANTIS supports three methods (separators) of distinguishing between ASCII and DBCS characters in mixed external data.

- ◆ BLANK—Embedded DBCS characters are separated (optionally on input) from adjacent text characters by a text space.
- ◆ NONE—Embedded DBCS characters are not separated from adjacent text characters by any specific code.
- ◆ CODE—Embedded DBCS characters are separated from adjacent text characters by a shift-in/shift-out pair of codes. The same codes are used internally by MANTIS to distinguish the beginning and end of any embedded DBCS strings in a TEXT variable.
- ◆ In some DBCS character sets (e.g., DEC-Kanji), the first byte-significant bit (msb) is set. In this case it is not possible to mix 8-bit ASCII codes with DBCS characters unless CODE separators are used externally. The DEC Multinational character set and DEC-Katakana characters utilize 8-bit ASCII codes.

Action You must design your external TEXT fields giving them the CODE sign if the external data is to contain text character codes in the range 128–255.

638 The external mixed-TEXT field has been truncated on input.

Explanation The external field has expanded on input due to the insertion of internal shift control codes by MANTIS to separate the ASCII from the DBCS character data.

Action Allow for expansion of mixed data by allocating extra space in either the external field definition or the program definition of the variable concerned. Alternatively, prevent expansion and contraction of mixed strings by specifying BLANK separators when designing the field and by following this convention in any external software that creates or accesses the data.

639 The screen field coordinates are invalid or do not identify a field.

Explanation When identifying a screen field by its logical coordinates, the specified row and column coordinates must locate a character position anywhere within the desired field. Coordinates range from (1,1) to (32767,32767), identifying every character position in the logical display. Note that the relative position of the field in its screen design is not the same as its position in the logical display unless the screen design is conversed at (1,1) in the logical display. This is the default position for any CONVERSE.

Action Specify valid screen field coordinates.

640 The length of a DBCS field must be even.

Explanation DBCS fields must be even in length because each DBCS character occupies 2 bytes.

Action Specify an even length for the field. Supply an even number of #s if you are painting a screen design.

641 Batch input data is invalid.

Explanation Data from the current record in the input file is invalid and is rejected. MANTIS has logged the line in error, including its relative line number in the file.

Action Correct the specified record in the input file.

642 The screen contains an inconsistent row or column value.

Explanation This is an internal error.

Action Contact Cincom Support.

643 The logical display limit has been exceeded.

Explanation The logical display is limited to 32767 rows by 32767 columns.

Action Specify smaller values for (1row, 1col) in the CONVERSE statement.

644 An attempt to create the save file has failed.

Explanation The output save file you have specified in a SAVE FILE statement cannot be created.

Action Use the HELP LAST command to help identify the cause of the error and enter a correct SAVE FILE statement.

645 A numeric expression is required for each CHR parameter.

Explanation The CHR function parameter consists of one or more numeric expressions separated by commas. A parameter has evaluated to a nonnumeric result.

Action Supply only numeric expressions between the parentheses and separate expressions with commas.

647 The Dollar (\$) functions are not IBM compatible.

Explanation The dollar sign does not precede any of the MANTIS for the IBM mainframe reserved words. MANTIS for the IBM mainframe does not recognize the \$SYMBOL, \$LOGICAL, or \$OPTION reserved words, and there are no equivalent functions.

Action Refrain from using \$SYMBOL, \$LOGICAL, and \$OPTION in your program as these functions are exclusive to non-IBM environments.

648 The ACCESS parameters FILE, NEW, and REPLACE are not IBM compatible.

Explanation MANTIS for the IBM mainframe does not support the FILE, NEW, and REPLACE parameters for the ACCESS statement.

Action Do not specify the FILE, NEW, and REPLACE parameters on the ACCESS statement. Create your external file before running MANTIS because external files must already exist when you ACCESS them in your MANTIS program.

649 Releasing an external file is not IBM compatible.

Explanation MANTIS for the IBM mainframe does not support the closing of an external file with the RELEASE access-name statement.

Action Refrain from using RELEASE access-name in your program because this function is not available in MANTIS for the IBM mainframe environment.

- 650 Indirect variable reference (&) is not IBM compatible.
- Explanation** The use of the indirect reference operator is not allowed in IBM compatibility mode.
- Action** Refrain from using this feature or ask your Master User to disable the IBM MANTIS Option.
- 651 EDIT LIST is not allowed in IBM compatibility mode.
- Explanation** The EDIT LIST statement or command is not available in MANTIS for the IBM mainframe. It is not permitted in MANTIS, when IBM compatibility mode is selected.
- Action** Refrain from using this feature or ask your Master User to disable the IBM MANTIS Option.
- 652 A separator is missing in the SHOW parameter list.
- Explanation** This error can occur only when IBM compatibility mode is selected. MANTIS for the IBM mainframe requires SHOW parameters to be separated by commas or semicolons. MANTIS does not require a separator; therefore, data can be formatted in the output buffer without intervening spaces.
- Action** Use semicolons or commas to separate expressions in the parameter list of the SHOW statement or command or ask your Master User to disable the IBM MANTIS Option.
- 653 A TUPLE field is larger than 64K.
- Explanation** It is not possible to create a MANTIS file record which is larger than 64K. TUPLE fields contain the field definitions for SCREEN, ACCESS, FILE, and INTERFACE profiles. The profile you are attempting to SAVE or REPLACE contains too many fields (over 4000).
- Action** Reduce the number of fields you have defined in your profile layout.
- 657 Sequenced lines overlap; more lines resequenced.
- Explanation** You have used the SEQUENCE command to renumber the lines in a subroutine. When MANTIS completed the renumbering, the final line in the subroutine was greater than the number of the line following it. MANTIS continued resequencing lines until the numbers were in correct order.
- Action** Check that the resulting line numbers are correct.

658 Warning- lines overlap, SEQUENCE issued.

Explanation The program lines you copied overlap those in the existing program. MANTIS automatically issues a SEQUENCE command to renumber as many lines as necessary to restore an ascending sequence.

Action If you relied on the original line numbers, issue the LIST command and scan your program to reorient yourself.

659 The specified screen is not in the mapset.

Explanation CONVERSE screen-name RELEASE must specify a screen that is currently in the mapset. The screen-name specified is not in the mapset.

Action There are two likely causes for this problem:

- ◆ You have not conversed the screen into the mapset, or you have caused the mapset to be cleared since the screen was added to the mapset, either by a CONVERSE without SET/WAIT/UPDATE or by a CLEAR statement.
- ◆ Upon external subprogram EXIT, if any screens have been added to the mapset by the subprogram, the entire mapset is cleared.

661 The STATS parameter is not valid.

Explanation The STATS statement parameter must be the symbolic name of a numeric array.

Action The array must be defined, with one dimension consisting of at least 9 elements.

663 The CURSOR function requires a TEXT argument.

Explanation The single argument form of the CURSOR function expects a text expression specifying one of: "SCREEN," "FIELD," "INDEX1," or "INDEX2."

Action Correct the argument type.

664 An error occurred reading the RDM field descriptions for the view.

Explanation MANTIS received an error from SUPRA RDM when attempting to read field definitions from the SUPRA Directory.

Action Please report this problem to Cincom Support.

666 The GETJPI system service has returned a failure status.

Explanation The STATS statement uses the \$GETJPI system service which has returned a failure status to MANTIS.

Action Please report this problem to Cincom Support.

668 The NUMERIC function requires a TEXT argument.

Explanation The NUMERIC function parameter must be a TEXT expression.

Action Supply a text expression as the parameter.

669 The SQR function requires a positive numeric argument.

Explanation The argument to the SQR function must evaluate to a positive numeric value.

Action Replace the function argument.

670 The field is not entirely filled. Please reenter.

Explanation The FILL attribute for this field was specified in Screen Design and the field has not been filled.

Action Please reenter the field with characters in all columns.

671 Please reenter field with data not higher than #####.

Explanation During Screen Design, a high range value was placed on this field and the current field value exceeds this value. The actual value replaces the #####... in the message.

Action Please reenter the field with a value less than or equal to the high range for the field.

- 672 Please reenter field with data not lower than #####.
- Explanation** During Screen Design, a low range value was entered for this field and the current value is less than the low range. The actual value replaces the #####... in the message.
- Action** Please reenter the value greater than or equal to the low range.
- 673 The field should be in MANTIS name format. Please reenter.
- Explanation** During Screen Design, this field was marked as having to be a valid MANTIS variable name and the current value is not in this format.
- Action** Please reenter the field in accordance with the MANTIS symbolic name format.
- 674 Numeric data is invalid. Please reenter as per mask #####.
- Explanation** During Screen Design, a data entry mask for this variable was specified and the current value of the field doesn't fit the mask. Entering numeric values in scientific notation, causing the exponent to go out of range, can also cause this fault. MANTIS accepts only numbers whose magnitude is between 1E-38 and 1E+38 for E-notation. If you are using D-notation, the allowable exponent range is 1D-128 to 1D+127 for D-notation. The actual mask replaces the #####... in the message.
- Action** Please reenter the field with a valid value.
- 675 Data is required in this field. Please reenter.
- Explanation** During Screen Design, this field was marked as REQUIRED and the current value of the field is empty.
- Action** Please reenter this field with any data value.
- 677 An error has been encountered within the Editor interface.
- Explanation** The system editor interface has returned an unsuccessful status to MANTIS.
- Action** There could possibly be a problem with the system editor itself. However, the MANTIS interface may also be in error. Contact Cincom Support.

678 Previous errors in the Editor interface disallow reentry.

Explanation You cannot use the system editor, after a previous error return status, because the results are unpredictable.

Action Either sign off from MANTIS and sign on again, or ask your Master User to change your EDITOR MANTIS Option. MANTIS maintains the return status of the system editor interface separately and an error in one does not prevent the use of the other.

679 Warnings indicate that some data has been discarded.

Explanation The warnings referred to are those displayed by MANTIS during the EXIT phase of the editor when the output program or LIST is being written. Columns and/or lines of data may have been truncated. These warnings are generally only applicable to EDIT LIST, when the LIST array variable is not large enough to hold some of the output lines.

Action Give the EDIT LIST array variable the maximum required dimension and string length.

680 Invalid data characters have been extracted from line #.

Explanation An EDIT LIST variable is of the wrong type to receive characters from another character set. Any text characters output by the editor are not allowed to be placed into a DBCS variable. Any text characters output by the editor are not allowed to be placed into a DBCS variable. The actual line number replaces the #####... in the message.

Action Use a TEXT variable in an EDIT LIST if mixed character set output is required.

681 Line # is too long and has been truncated.

Explanation The specified editor output line number, relative to line 1, is too long to fit into the EDIT LIST array element. The line has been truncated to the maximum length of the element. The actual line number replaces the #####... in the message.

Action Increase the maximum string length of the EDIT LIST variable. Alternatively, decrease the right margin in your system editor.

- 682 The maximum number of lines has been exceeded at line #.
- Explanation** There are too many output lines from the system editor to fit into the EDIT LIST array variable. MANTIS discards the specified number, relative to 1, and all subsequent output lines. The actual line number replaces the #####... in the message.
- Action** Increase the dimension of the EDIT LIST array variable. The maximum allowed dimension of an array is defined by the MAXDIMSIZE MANTIS Option.
- 683 The program logic is not correctly resolved.
- Explanation** This is an internal MANTIS error.
- Action** Contact Cincom Support.
- 684 Breakpoints cannot be executed in a BOUND program.
- Explanation** The current test program is BOUND. You are prevented from setting breakpoints because they will not execute when the program is run.
- Action** Use the BIND OFF command to unbind the program first.
- 687 The bound program is not IBM compatible.
- Explanation** IBM compatibility mode is currently in effect and the BOUND program contains syntax that is not IBM compatible. If the program were BOUND in IBM compatibility mode then the relevant diagnostic warning messages would have been displayed at that time.
- Action** Ask your Master User to disable the IBM MANTIS Option, or BIND the program to locate the incompatibilities, and correct each one.
- 688 Value not in fixed list. Use VALID (GOLD/V) for values.
- Explanation** The value in the field is not in the fixed list of allowed values for the field. This list was specified when the screen was designed.
- Action** Please use the VALID function (normally GOLD/V) to inspect the values allowed for the field.

689 Value not in named variable. Use VALID (GOLD/V) for values.

Explanation The value in the field is not one of the values in the named variable for the field. This variable name was specified when the screen was designed and is usually used as an array of correct values.

Action Please use the VALID function (normally GOLD/V) to inspect the values allowed for the field.

690 Value not in named variable or fixed list. Use VALID (GOLD/V) for values.

Explanation The value in the field is not in the fixed list of allowed values for the field or in the list of values contained in the named variable. This list and name were specified when the screen was designed.

Action Please use the VALID function (normally GOLD/V) to inspect the values currently allowed for the field.

691 Named variable (####) wrong type.

Explanation During the processing of a SCREEN statement, a field with the Validation Variable extended edit attribute was found. This variable already exists, but is the wrong type. The actual variable replaces the ####... in the message.

Action Use the DISPLAY command to find the type of the specified variable. Change either your program or screen design to eliminate the conflict.

692 Named array (####) has too many dimensions.

Explanation During the processing of a SCREEN statement, a field with the Validation Variable Extended edit attribute was found. This variable already exists, is the correct type, and is an array but has too many dimensions (that is, greater than one). The actual array replaces the ####... in the message.

Action Use the DISPLAY command to find the type of the specified variable. Change either your program or screen design to eliminate the conflict.

694 Mailbox error on # performing service #.

Explanation The MANTIS-SPECTRA interface has failed while performing the associated system service on the SPECTRA-MANTIS interface mailbox. The actual ?????????????????? replaces the #####... in the message.

Action Contact Cincom Support.

695 Error in SPECTRA interface performing service #.

Explanation The MANTIS-SPECTRA interface has failed while performing a system service or library routine. The actual ?????????????????? replaces the #####... in the message.

Action Contact Cincom Support.

696 There are no free subprocess slots to spawn the command.

Explanation MANTIS allows up to 10 active subprocesses for the execution of commands by PERFORM. Normally, only one subprocess slot is utilized. However, if you attach back to MANTIS from a subprocess, leaving the subprocess with an active image, MANTIS does not reuse that subprocess slot for the next command.

Action To free up some subprocess slots you must attach to the subprocesses and cause them to exit normally.

697 The number of CHAIN arguments must be exact in IBM compatibility mode.

Explanation The number of arguments in the CHAIN statement must be the same as the number of formal arguments in the ENTRY statement of the CHAINED-to program.

Action Match the argument lists in the CHAIN and ENTRY statements.

698 All parameters must be defined in the external DO statement in IBM mode.

Explanation One or more of the parameters to the DO statement have not been defined prior to the DO statement. Note that the DO statement executes an external MANTIS program. In IBM compatibility mode, all parameters to external DO statements must be defined.

Action Define all parameters prior to the DO statement, or ask your Master User to disable the IBM MANTIS Option.

699 The function is not yet implemented.

Explanation The requested function or facility is not fully implemented in this release of MANTIS, but is planned for the next release.

Action This is an undocumented feature and should not be used at present.

700 level messages

703 The BOUND program contains an invalid operation code or is corrupt.

Explanation The BOUND program interpreter has trapped an invalid operation code. Either the BIND command generated bad code or the BOUND program profile is corrupt.

Action Please report this error to Cincom Support.

705 The PCI stack is too small for an expression to be evaluated.

UNIX

Explanation MANTIS uses a stack when evaluating expressions. The complexity of the expression caused the stack to overflow during evaluation. This can only occur in MANTIS for UNIX.

Action Ask your Master User to increase the value of the PCISTACKSIZE MANTIS Option, or reduce the complexity of your expressions by using temporary variables.

706 The PCI heap is too small for a text expression to be evaluated.

Explanation MANTIS uses a heap during the evaluation of text expressions. A text value in the current expression does not fit on the heap.

Action Ask your Master User to increase the value of the PCIHEAPSIZE MANTIS Option.

707 Field Sensitive Validation failure could not be handled correctly.

Explanation This is an internal error, which should never occur.

Action Contact Cincom Support.

708 A Field Validation Routine returned abnormally.

Explanation This is an internal error, which should never occur.

Action Contact Cincom Support.

720 The SQLDA name is missing or incorrectly specified.

Explanation The statement or function expects an SQLDA name as a parameter. Either the SQLDA name is missing or the specified SQLDA name is invalid.

Action An SQLDA name must evaluate to a nonzero length text string. Add or correct the SQLDA name parameter.

721 The SQLDA element name is missing or incorrectly specified.

Explanation The SQLDA element name is the second SQLDA parameter and must be specified as a TEXT expression that evaluates to one of the following:

- ◆ SQLCOLFRAC / SQLFRAC
- ◆ SQLCOLIO
- ◆ SQLCOLLENGTH / SQLLEN
- ◆ SQLCOLMODE
- ◆ SQLCOLNAME / SQLNAME
- ◆ SQLCOLTYPE / SQLTYPE
- ◆ SQLD
- ◆ SQLDAID
- ◆ SQLHOSTIND/SQLIND
- ◆ SQLHOSTVAR/SQLDATA
- ◆ SQLHOSTVARTY/SQLTYPE
- ◆ SQLMAX
- ◆ SQLN

The element names separated by a slash (/) are synonyms with respect to SUPRA and Rdb/VMS support. When the DBTYPE is RDB, SQLMAX is a synonym for SQLN, and SQLCOLIO and SQLCOLMODE are not supported.

Action Add or correct the SQLDA element name.

722 The SQLDA variable index is missing or incorrectly specified.

Explanation The third SQLDA parameter specifies the index (from 1) into the repeating element (SQLVAR) array of the named SQLDA structure and must be a numeric expression.

Action Add or correct the SQLDA variable index parameter.

723 The SQLCA element name is missing or incorrectly specified.

Explanation The first SQLCA parameter addresses a given field of the SQLCA (global SQL Communications Area). It must be a TEXT expression that evaluates to one of the following:

- ◆ DBTYPE
- ◆ DBNAME
- ◆ SQLCAID
- ◆ SQLCABC
- ◆ SQLCODE
- ◆ SQLERRML
- ◆ SQLERRMC
- ◆ SQLEXT
- ◆ SQLERRD1 – SQLERRD6
- ◆ SQLWARN0 – SQLWARN7
- ◆ SQLWARN8 – (SUPRA ONLY)
- ◆ SQLWARN9 – (SUPRA ONLY)
- ◆ SQLWARNA - SQLWARNF (SUPRA ONLY)

Action Add or correct the SQLCA element name.

725 An embedded host variable indicator is not numeric.

Explanation You have specified an indicator variable that is not numeric. A numeric variable is required to store the following:

=0 The host variable is a defined value, no error.

<0 The host variable is a NULL or MISSING value.

>0 This contains the original column length due to a truncated value (SQLWARNING). SUPRA Only.

Action Specify a numeric indicator variable.

726 The SQLDA variable index is out of range.

Explanation The third SQLDA parameter is an index into the SQLVAR repeating elements of the SQLDA. The value you have specified is not in the allowed range: 1–SQLMAX.

Action Modify the SQLDA variable index value.

727 The specified host variable is not yet allocated.

Explanation There is no host variable data for the specified SQLVAR entry. This means that the specified SQLVAR entry has not been set by the SQLDA statement or has not been set as a result of an EXECUTE statement.

Action Check that the named SQLDA has been used to fetch data from the database and that the SQLVAR index is in the correct range 1–SQLN or 1–SQLD.

728

The SQLDA or SQLCA element is read-only.

Explanation You have attempted to assign a value to a read-only field of the SQLCA or SQLDA structure. Certain fields are protected against programmed update because MANTIS SQL Support relies on their unaltered contents for internal consistency. Read-only fields are as follows:

SQLCA R/O		SQLDA R/O	
SQLCABC	SQLDAID	SQLCOLTYPE/SQLTYPE	
SQLCAID	SQLCOLIO	SQLCOLLENGTH/SQLLEN	
SQLERRML	SQLABC	SQLHOSTVARTY/SQLTYPE	
SQLEXT	SQLMODE	SQLCOLFRAC/SQLFRAC	

The element names separated by a slash (/) are synonyms with respect to SUPRA and Rdb/VMS support. SQLCOLIO and SQLCOLMODE are not valid when the DBTYPE is RDB.

Action Omit any assignments for read-only fields.

729 The value of the SQLDA or SQLCA element is the wrong data type.

Explanation The specified data to be assigned to the SQLDA or the SQLCA element does not match the data type of the element. You have tried to assign a text value to a numeric element, or vice versa. The settable element data types are as follows:

SQLCA	
Element	Type
DBTYPE	TEXT(8)
DBNAME	TEXT(64)
SQLCODE	NUMERIC
SQLERRMC	TEXT(70)
SQLERRP	TEXT(8)
SQLWARNn	TEXT(1)
SQLERRDn	NUMERIC
SQLMAX	NUMERIC
SQLN	NUMERIC
SQLD	NUMERIC
SQLCOLNAME/SQLNAME	TEXT(18/30)
SQLHOSTVAR/SQLDATA	NUMERIC or TEXT
SQLHOSTIND/SQLIND	NUMERIC

Action Correct the data type you have specified.

730 The value of the SQLDA element is out of range.

Explanation You have attempted to set SQLN, SQLD, or SQLMAX to an illegal value. For Rdb support, SQLMAX and SQLN are synonyms for the same field (SQLN) of the SQLDA. These values are restricted as follows:

- ◆ SQLMAX → 1–300
- ◆ SQLN → 1–SQLMAX
- ◆ SQLD → 1–SQLN

Action Correct the value you have specified.

- 731 The specified SQL DBTYPE is not supported.
- Explanation** The specified DBTYPE is not supported. The DBTYPE element is used to specify the SQL subsystem where multiple SQL subsystems are active.
- Action** DBTYPE may be one of the following: "SUPRA," "RDB," or "ORACLE."
- 732 Substrings for output host variables are not IBM compatible.
- Explanation** You have specified substring subscripts on an output host variable. Support in MANTIS for IBM is not yet available.
- Action** Use a temporary TEXT variable as the output host variable and perform a MANTIS substring assignment as required.
- 733 The SQL session number is invalid.
- Explanation** The SQL session number must be in the range from one through eight. It is used to specify the session number for multiple concurrent CONNECTs to SUPRA SQL. The default is 1.
- Action** Enter an SQL session number in the range of one through eight.
- 735 The DBNAME parameter is missing or incorrectly specified.
- Explanation** The SQL SET DBNAME statement parameter must be either a quoted string literal or an embedded host variable.
- Action** Correct the SET DBNAME statement.
- 736 The keyword INTO is missing.
- Explanation** The SQL PREPARE statement has specified the SELECT keyword. The INTO keyword is mandatory when SELECT is specified.
- Action** You can specify the optional INTO clause of a PREPARE statement using any of the following keyword sequences: INTO, SELECT INTO, or SELECT LIST INTO.

737 A numeric session parameter is not valid when the DBTYPE is not "SUPRA."

Explanation You have specified a numeric session parameter when the current or selected SQL DBTYPE is not SUPRA. Only SUPRA SQL supports multiple sessions that can be selected by session number on the EXEC_SQL statement. The current DBTYPE is established at user sign-on time and always remains in effect until explicitly changed by an SQLCA or EXEC_SQL statement. The most probable cause of this error occurs when the program is expecting "SUPRA" as the current DBTYPE, but it has been changed by another program.

Action Specify SUPRA as the selected SQL DBTYPE before entering a numeric session parameter.

738 The cursor name is missing or incorrectly specified.

Explanation The cursor name in the WHERE CURRENT OF clause of an SQL DELETE or UPDATE statement is not specified correctly.

Action Correct the DELETE or UPDATE statement. MANTIS expects the CURRENT OF clause to be specified as follows: CURRENT OF cursor-name.

740 Invalid FOR variable specified.

Explanation (ORACLE only) The host variable after the FOR keyword in the SQL statement is invalid. The host variable is a numeric variable that limits the number of rows processed by the SQL command if you are using array host variables.

Action If you are using array host variables, specify a numeric variable after the FOR keyword, for example, FOR:x, when x is a BIG or SMALL variable.

748 There is no result table for the FETCH with auto-cursor.

Explanation The FETCH statement has not specified a cursor-name. This is an auto-cursor, (implicit cursor) request.

Action You must execute a SELECT statement in the program before executing a FETCH with auto-cursor.

749 An embedded host variable is missing.

Explanation The host variable list is incorrectly specified. There is a missing colon after a comma in the list.

Action Check the list carefully. Note that every host variable in the list must be preceded by a colon and that indicator variables, if specified, are not preceded by a comma.

750 `SQLERROR:####: #####...`

Explanation An error has occurred in the SQL subsystem. The SQLCODE shown immediately after the MANTIS Fault Code is followed by the error message text generated by the SQL subsystem. By default, MANTIS only generates this fault in the case of SQLERROR conditions (when SQLCODE is less than zero). The MANTIS program will continue after SQLWARNING, SQLEXCEPTION, and NOT FOUND conditions. You can use the SQL WHENEVER statement to handle (or Fault on) any or all of the four possible SQL error conditions. The actual SQLCODE replaces the ####... in the message.

Action Please consult the appropriate SQL reference manual for probable cause of the error and corrective action.

751 No SQL database name has been specified for CONNECT.

Explanation An SQL database name is required for connection to the SQL subsystem. If the first SQL statement executed is not a CONNECT statement, MANTIS performs an implicit CONNECT using the following logical names: MANTIS_SQL_USER, MANTIS_SQL_PASS, MANTIS_SQL_DBNAME. If MANTIS_SQL_DBNAME is not defined, MANTIS uses the DBNAME established by the SUPRA/XUSER command: RVX_pid_DB (pid is the process ID). If connection using MANTIS_SQL_USER fails, MANTIS attempts an implicit connect using all the logical names set up by the SUPRA/XUSER command.

Action Ensure that the logical name MANTIS_SQL_DBNAME identifies a valid SUPRA Database, or that you have executed SUPRA/XUSER and obtained correct logicals for an implicit connect.

752 The SQL statement text is missing or incorrectly coded.

Explanation The SQL statement text for the EXEC_SQL statement is missing. An EXEC_SQL statement must be followed by at least one nonblank MANTIS comment line. The most likely cause of this error is when the SQL statement text is coded on the same line as the EXEC_SQL verb and either the colon or comment character is missing (:|).

Action Correct the EXEC_SQL statement line in your program.

753 The cursor has not been OPENED.

Explanation Before a FETCH operation can be executed on a cursor (named result table), the OPEN statement must first open the cursor.

Action Use the OPEN statement to open the cursor.

754 The cursor name has not been DECLARED.

Explanation The cursor named in the OPEN statement has not yet been declared in a DECLARE statement.

Action Use the DECLARE statement to declare the cursor.

755 The statement name has not been PREPARED.

Explanation You must use a PREPARE statement to declare a statement name before you can use that statement in a dynamic DECLARE or EXECUTE statement.

Action Check that the execution path of the program includes a PREPARE statement which declares the statement name.

756 The named SQLDA has not been allocated.

Explanation A named SQLDA must be allocated via the SQLDA statement before it can be used in any other statement.

Action Use the SQLDA statement to allocate the named SQLDA. For example:

```
SQLDA("sqlda1") = NEW
EXEC_SQL:| PREPARE s1 INTO sqlda1 FROM :STMT
END
```

757 The BEGIN/END statement is incorrectly specified.

Explanation The BEGIN DECLARE SECTION and END DECLARE SECTION statements, as well as the INCLUDE statement; do not perform any function in MANTIS SQL support other than documentation.

Action Code BEGIN/END DECLARE SECTION as follows:

```
EXEC_SQL: | BEGIN DECLARE SECTION
END
EXEC_SQL: | END DECLARE SECTION
END
```

758 The named SQLDA was created for a different DBTYPE.

Explanation The SQLDA named in the SQL statement was created for another DBTYPE and cannot be used for the current DBTYPE. An SQLDA inherits the DBTYPE that is current when it is created by the 'SQLDA (sqlda-name)=NEW' statement.

Action Your program may have altered the current DBTYPE before attempting to use the SQLDA. If your program does use multiple SQL systems, it must ensure that named SQLDAs created for a given SQL product are used for that system only. Use the 'SHOW SQLCA ("DBTYPE")' statement in your program to prove that this is the case. Place this statement just before the SQLDA statement that creates the named SQLDA and just before the statement at fault.

759 An embedded host variable data type is incorrect.

Explanation The MANTIS data type of an embedded host variable conflicts with its usage. You have attempted to substitute a text parameter where a numeric value is required, or vice versa.

Action Correct the data type.

760 The FROM clause is missing or incorrectly specified.

Explanation The FROM clause is mandatory in the PREPARE statement. It is either missing or you have incorrectly placed it.

Action Add the clause or correct its placement.

- 761 The SQL statement specification is missing or incorrectly specified.
- Explanation** SQL statement text may be specified either by an embedded host variable or as an SQL string literal. It is mandatory in the PREPARE and EXECUTE IMMEDIATE statements.
- Action** Add the SQL statement specification or correct the specification.
- 762 The SQL statement name is missing or incorrectly specified.
- Explanation** An SQL statement name is mandatory in the PREPARE and DESCRIBE statements and expected in the DECLARE statement if the FOR clause does not specify a recognized SQL verb.
- Action** Add the SQL statement name or correct its specification.
- 763 Failure on SQL COMMIT, attempting to ROLLBACK instead.
- Explanation** A MANTIS COMMIT has failed on an SQL database. This could happen in a number of places.
- ◆ Database sign-off (FINISH) as a result of:
 - NEW, LOAD, EDIT, or RUN commands
 - Main program termination in RUN mode, or exiting Program Design
 - CHAIN statement when the MANTIS option to sign-off is enabled
 - ◆ MANTIS COMMIT statement
 - ◆ Implicit COMMIT by MANTIS on a terminal input (unless COMMIT OFF has been executed by the running program)
- Since the only usual remedy for this type of error is to perform an SQL ROLLBACK function, MANTIS tries to ROLLBACK the current transaction for you.
- Action** Correct the cause of the COMMIT failure: usually some database updates that violate integrity rules.

764 The MANTIS_RDI_IF statement/cursor name limit has been exceeded.

Explanation The Rdb/VMS interface module is a shareable image identified by the logical name MANTIS_RDI_IF. This module limits the number of statements and/or cursors that can be used in a single MANTIS main program.

The normal RDI module (the one supplied on the MANTIS release tape) supports exactly 100 cursors, with no limit on the number of embedded SQL statements.

However, an alternate RDI module is available which has severe limitations on both the number of cursors and the number of dynamic SQL statements. In this case, the number of dynamic SQL statements can be calculated by summing the following (in the context of a main program): the number of SQL statement names, the number of static DECLARE statements, and the number of static SELECT statements.

Action Contact Cincom Support.

765 There is more than one result table row for the singleton SELECT (INTO).

Explanation A singleton SELECT is requested by the INTO clause of the SELECT statement. This is a request to obtain a result table with, at most, one row. The result of the executed SELECT statement has more than one row.

Action The WHERE clause of the SELECT statement should be tightened to restrict the number of result rows to less than or equal to one. Otherwise, you must use a non-singleton SELECT in conjunction with the DECLARE, OPEN, and/or FETCH statements.

766 The WHENEVER condition is missing or incorrectly specified.

Explanation The WHENEVER condition must be specified as the first parameter. Only the following keywords are valid for the WHENEVER condition:

Condition	SUPRA SQL	Other SQL
SQLERROR	(SQLCODE < 0)	(SQLCODE < 0)
SQLEXCEPTION	(SQLCODE > 100)	(Not Applicable)
NOT FOUND	(SQLCODE = 100)	(SQLCODE = 100)
SQLWARNING	(SQLWARN0 = 'W')	(SQLCODE > 100)

Action Add the WHENEVER condition or correct its placement.

767 The WHENEVER Action is missing or incorrectly specified.

Explanation The WHENEVER action must be specified as the second parameter. Only the following keywords are valid for the WHENEVER:

Keyword	Description
CONTINUE	(Default for SQLEXCEPTION, NOT FOUND, and SQLWARNING)
FAULT	(Default for SQLERROR)
DO	(Never the default)

Action Add the WHENEVER action or correct its placement.

768 The USING parameter is missing or incorrectly specified.

Explanation The dynamic USING clause in the OPEN, FETCH, and EXECUTE statements can specify either a DESCRIPTOR or a host variable list. Neither of these is specified correctly.

Action Add or correct the USING parameter.

- 769 The DECLARE CURSOR statement is incorrectly specified.
- Explanation** The keyword FOR is missing from the DECLARE CURSOR statement.
- Action** Add the keyword FOR to your DECLARE CURSOR statement.
- 770 The INTO clause is missing.
- Explanation** The INTO clause is mandatory in the DESCRIBE statement. It must be specified immediately after the statement name.
- Action** Add the INTO clause to your DESCRIBE statement.
- 771 The INTO parameter is missing or incorrectly specified.
- Explanation** The INTO clause on the FETCH statement must specify a host variable list.
- Action** Correct the host variable list in the INTO clause.
- 772 The host variable is incorrectly specified.
- Explanation** The embedded host variable does not identify a MANTIS variable correctly. This error means that the word following the colon is not a valid MANTIS symbolic name.
- Action** Correct the variable specification.
- 773 The FETCH statement is incorrectly specified.
- Explanation** The FETCH statement requires either an INTO clause or a USING clause to specify the output data destination.
- Action** Add the INTO or USING clause to your FETCH statement.
- 775 One of NEW or QUIT keywords expected but not specified.
- Explanation** An SQLDA statement with one parameter can only be used to allocate and deallocate SQLDA structures. The only valid values for the right-hand side of the assignment are the keywords NEW and QUIT.
- Action** Add the appropriate keyword.

776 Host and indicator variable arrays can only be one dimension.

Explanation (ORACLE only) you have used a 2-dimensional MANTIS array variable as a host or indicator variable.

Action Make the host or indicator variable 1-dimensional by specifying an element. For example, specify :x(1) instead of :x.

777 If host or indicator variable are arrays they must all be arrays.

Explanation (ORACLE only) you have array and non-array MANTIS variables in the SQL statement.

Action Make the host and indicator variables in the SQL statement either all MANTIS array variables or all non-array MANTIS variables.

778 The END statement is missing after the SQL statement text.

Explanation An END statement terminates The EXEC_SQL comment block. Any other non-commented statement is not allowed.

Action Add an END statement to terminate your EXEC_SQL statement block.

779 The embedded SQL statement has a syntax error.

Explanation This is an internal problem. MANTIS SQL Support has encountered a syntax error in an embedded SQL statement.

Action Please contact Cincom Support.

800 level messages

801 An internal binding error has occurred (stack underflow).

Explanation The parse of the MANTIS program has failed due to an internal MANTIS error.

Action Contact Cincom Support.

802 The Binding operation has been terminated.

Explanation Syntax errors in the MANTIS program are such that the binding operation cannot continue to the end of the program. Normally, program syntax errors are recoverable, allowing the whole program to be parsed.

Action For information only, no corrective action needed.

803 The MANTIS language parse table has an invalid entry.

Explanation An unexpected condition has revealed an error in the MANTIS parse table.

Action Contact Cincom Support.

804 Too many syntax errors, the binding operation has been terminated.

Explanation The maximum number of allowed BIND errors specified by the MAXBINDERRS MANTIS Option has been reached. The BIND of the program has been terminated.

Action Ask your Master User to increase the value of the MAXBINDERRS MANTIS option, or concentrate on fixing the cause of this massive error display.

805 An internal SQL Binding error has occurred (missing hostvar).

Explanation This should never happen.

Action Contact Cincom Support.

850 Invalid option (#####).

Explanation An invalid MANTIS option name has been specified. No such option exists. The actual option number replaces the #####... in the message.

Action Specify a valid MANTIS option name.

851 Read-only option (#####).

Explanation You have attempted to set a read-only MANTIS option (e.g., BIND). The actual option number replaces the #####... in the message.

Action Specify only settable MANTIS options in the option source text.

852 Expected '=' after #####.

Explanation An assignment operator has been omitted from the option source text. An assignment operator is required when assigning values to MANTIS options having Numeric, String, or Fixed-List types. The actual MANTIS option replaces the #####... in the message.

Action Correct the option source text.

853 The IBM option requires ##### to be set to #####.

Explanation You have attempted an invalid MANTIS option assignment while in IBM compatibility mode. The specified option setting is not compatible with MANTIS for the IBM mainframe. The actual option code replaces the #####... in the message.

Action Remove or correct the invalid option assignment.

854 Invalid value (#####) for the ##### option.

Explanation You have attempted an invalid option assignment. For example, you may have:

- ◆ Attempted to assign a text value to a Numeric type option.
- ◆ Specified a value not in the Fixed-List for a Fixed-List type option.
- ◆ Missing text value for SCREENTAG option.

The actual values and option code replaces the #####... in the message.

Action Specify a valid value for the option in question.

855 The ##### option requires a value in the range
 #####.

Explanation You have attempted to assign a MANTIS option a value outside the allowable range. The actual MANTIS option and range replaces the #####... in the message.

Action Correct the option assignment by specifying a value in the allowable range.

856 Invalid option delimiter (#####).

Explanation An invalid MANTIS option delimiter has been found. The possible option delimiters are:

- ◆ '/' an option separator
- ◆ '!' a comment character.
- ◆ The end of the option source line (source files) or the end of the option source string (SET \$OPTION statement)
- ◆ The end of the option source file

The actual option delimiter replaces the #####... in the message.

Action Correct the option source by adding the appropriate option delimiter.

857 The maximum /OPTIONS nesting depth (###) has been exceeded.

Explanation Too many levels of Option (source or binary) file inclusion have occurred. The actual OPTIONS nesting depth replaces the #####... in the message.

Action Check your Option Source/Binary-files for mutual recursion.

858 The ##### option cannot be set by the SET \$OPTION statement.

Explanation You have attempted to set an option that cannot be set by the SET \$OPTION statement. This option may be set only on MANTIS start-up. The actual option name replaces the #####... in the message.

Action In order to set this option, you must invoke MANTIS with the appropriate option qualifier on the command line, or (on MANTIS start-up) load an Option Source/Binary-file in which this option setting is made.

859 Found invalid binary options code in the file #####

Explanation An invalid binary option code has been encountered. The binary option file is corrupt. The actual filename replaces the #####... in the message.

Action Using the MANTIS Options Compiler, recompile the corresponding option source file to obtain a correct binary option file.

860 Error opening the file #####

Explanation The specified file does not exist or cannot be opened. The actual filename replaces the #####... in the message.

Action Check the file specification. If the file does exist, check the file protection and your current privileges to determine whether you are allowed to access it.

861 Error rewinding the file #####

Explanation The specified file could be opened but not rewound. This should rarely occur. The actual filename replaces the #####... in the message.

Action Check the file specification, file protection, and file attributes.

862 Error writing to the file #####

Explanation An error was encountered when attempting to write to the specified file. The actual filename replaces the #####... in the message.

Action Check the file specification, file protection, and file attributes.

863 String length out of range (#####).

Explanation The length of the string used in a MANTIS option assignment is either too short or too long. The actual range replaces the #####... in the message.

Action Supply a string whose length is in the allowable string length range for the option in question.

864 Missing string end quote.

Explanation A closing string quote has been omitted.

Action Correct the option source text.

865 Invalid string escape sequence (#####).

Explanation A non-ASCII escape code has been encountered. The actual string replaces the #####... in the message.

Action Correct the option source text by specifying a valid escape code.

866 Invalid file specification (#####).

Explanation You have used an invalid file specification. The actual file specification replaces the #####... in the message.

Action Check that the file specification is of the correct format. You may need to supply a different filename.

867 Too many parameters (#####).

Explanation You have specified more than one source/binary option filename on the command line when invoking the MANTIS Options Compiler. The actual parameters input replaces the #####... in the message.

Action Supply only one source/binary option filename when invoking the MANTIS Options Compiler.

868 Invalid qualifier (#####).

Explanation You have specified an unknown qualifier on the command line when invoking the MANTIS Options Compiler. The actual qualifier input replaces the #####... in the message.

Action Invoke the MANTIS Options Compiler with the /HELP qualifier to find out which qualifiers may be specified.

869 Option List-file ##### created.

Explanation This informational message indicates that the MANTIS Options Compiler has decoded the input MANTIS Options file and produced the listing file shown in the message. The actual filename replaces the #####... in the message.

Action No action required.

870 Option Patch-file ##### created.

Explanation This informational message indicates that the MANTIS Options Compiler has parsed the input options file and produced an OpenVMS PATCH source file. This is an OpenVMS feature only. The actual filename replaces the #####... in the message.

Action You can patch any OpenVMS MANTIS executable image as long as its service level matches the service level of the MANTIS Options Compiler. Use the generated patch file as follows: \$PATCH @<filename>. First edit the patch source file, if necessary, to specify the correct MANTIS image file (MANTIS.EXE is supplied as a default).

871 Option Binary-file ##### created.

Explanation This informational message indicates that the MANTIS Options Compiler has encoded the input MANTIS Options source file and produced a binary output file. MANTIS processes binary format more efficiently. The actual filename replaces the #####... in the message.

Action To use the binary Options file, either define the logical name MANTIS_OPTIONS to identify the filename, or specify the filename in a MANTIS SET \$OPTION statement (SET \$OPTION "OPTIONS=<filename>").

872 Obsolete version (#####) of Binary-File #####

Explanation You have attempted to use a binary option file whose binary code is obsolete. The actual version and filename replaces the #####... in the message.

Action To obtain an up-to-date version of the binary option file, you must either:

- ◆ Reccompile the corresponding option source file using the current MANTIS Options Compiler, or
- ◆ Obtain the corresponding option source file from the binary file by invoking the MANTIS Options Compiler (of the SAME version) with the /LIST qualifier and then compile this option source file using the current MANTIS Options Compiler.

873 Unable to open HELP file.

Explanation The MANTIS_HELP library file could not be opened.

Action Check that the logical name MANTIS_HELP is defined and equates to the MANTIS HELP library file.

874 Too many errors (#####).

Explanation The MANTIS Options Compiler encountered too many errors. The number of errors found replaces the #####... in the message.

Action Correct the options source file and recompile.

875 The specified language (#####) is not recognized.

Explanation The language specified for the LANGUAGE option does not exist in the MANTIS LANGUAGES record. The language specified replaces the #####... in the message.

Action Consult your Master User.

876 The MANTIS LANGUAGES record could not be found in the
MANTIS FILE.

Explanation The MANTIS LANGUAGES file does not exist or could not be accessed.

Action Consult your Master User.

877 Error reading the file #####

Explanation An error occurred when attempting to read from the specified file. The actual filename replaces the #####... in the message.

Action Check the file specification. If the file does exist, check the file protection and your current privileges to determine whether you are allowed to access it.

878 Invalid option value #=#, option default will be used

Explanation A MANTIS Option has been set to an invalid value, the default value for that option will be used. The actual value input replaces the #####... in the message.

Action If you do not want to use the default value for the option that has been set, set a valid option value using SET \$OPTION.

900 level messages

901 A parameter is missing or incorrectly specified.

Explanation One of the parameters on an INTERNAL statement is missing or incorrectly specified. INTERNAL statements are reserved for use by Cincom only.

Action Contact Cincom Support.

903 The user code parameter is invalid.

Explanation The user code parameter must be numeric and must not exceed the maximum file code allowed.

Action Contact Cincom Support.

905 The function parameter is invalid.

Explanation The function parameter must be a text expression, which evaluates to either "R" or "W."

Action Contact Cincom Support.

908 The INTERNAL number is not defined.

Explanation The first parameter on an INTERNAL statement is the internal number. The specified number has not been defined to MANTIS. The INTERNAL statement is reserved for use by Cincom only.

Action Contact Cincom Support.

910 The relative field number parameter is too large.

Explanation The relative field number parameter must refer to an existing field or be one greater than the number of fields when adding new fields.

Action Contact Cincom Support.

911 A text parameter is the wrong length.

Explanation Either the maximum length of the text parameter or the number of dimensions is too small.

Action Contact Cincom Support.

- 912 The TRANSFER file could not be opened.
- Explanation** MANTIS received an error status when attempting to open the TRANSFER file.
- Action** Obtain diagnostic information by going into Program Design and using the HELP LAST command to display the last system message.
- 913 The TRANSFER file is not open.
- Explanation** The TRANSFER file should be open when this statement is executed.
- Action** Contact Cincom Support.
- 926 The screen field number is invalid.
- Explanation** This is an internal error.
- Action** Contact Cincom Support.
- 927 The Screen Design facility cannot release temporary work memory.
- Explanation** This is an internal error.
- Action** Contact Cincom Support.
- 930 The Shared Entity List is corrupt.
- Explanation** This is an internal error.
- Action** Contact Cincom Support.
- 931 The Shared Entity Pool is corrupt.
- Explanation** This is an internal error.
- Action** Contact Cincom Support.

940 FDL Error: Unable to open the FDL file #####.

Explanation The FDL file shown in the message could not be opened. This FDL file was specified in the external file design for the view specified in the ACCESS statement. The actual filename replaces the #####... in the message.

Action Check the spelling of the file name in the ACCESS view. If the file name is a logical name, use the \$LOGICAL function to check if it is set up correctly.

941 FDL Error: Invalid statement on line #####.

Explanation The FDL file contained a statement on line ## that was not ACCESS, KEYS, RECFM, MINRECLN, or MAXRECLN. The actual line number replaces the #####... in the message.

Action Check the spelling of the statement on line ##. The above legal FDL statement abbreviations are A, K, R, MI, and MA. These statements are not case sensitive.

942 FDL Error: ACCESS File type must be specified.

Explanation The FDL file was completely read, yet it did not contain the necessary statement, ACCESS, that defines the file type.

Action Add the ACCESS statement defining one of the following file types: TEXT, BINARY, and MISAM.

943 FDL Error: Invalid syntax in the ##### statement on line #####.

Explanation The FDL statement specified in the message contained an invalid argument. The line in the FDL file in error is also specified in the message. The actual statement and line number replaces the #####... in the message.

Action Consult the MANTIS documentation for the FDL language and correct the invalid parameter on the specified statement.

944 FDL Error: MAXRECLEN must be specified for ##### files.

Explanation MAXRECLEN is a required statement for the access method shown in the message. The FDL file was completely read, yet it did not contain a MAXRECLEN statement. The actual filename(s) replaces the #####... in the message.

Action Add the MAXRECLEN statement defining the largest record size of the file.

945 FDL Error: MAXRECLEN cannot be less than MINRECLEN.

Explanation The FDL file contained a MAXRECLEN value that was less than the MINRECLEN.

Action Correct the MAXRECLEN statement to be of a value greater than or equal to the MINRECLEN.

946 FDL Error: KEYS cannot be specified for TEXT or BINARY files.

Explanation The FDL file contained a KEYS statement for a file type of TEXT or BINARY. This statement is only valid for MISAM files.

Action Either remove the KEYS statement(s) or change the file type on the ACCESS statement to MISAM.

947 FDL Error: KEYS must be specified for ##### files.

Explanation The FDL file was completely read, yet it did not contain the necessary statement, KEYS, which is required for the access method shown in the message. The actual filename(s) replaces the #####... in the message.

Action Either add the KEYS statement(s) or change the file type on the ACCESS statement to TEXT or BINARY.

950 FDL Error: Overlapping key segments are not supported in MISAM files.

Explanation The FDL file contained KEYS statements that defined an index made of multiple key segments that were overlapping. Keys for a given index may be contiguous or noncontiguous but cannot be overlapping.

Action Correct the overlapping KEYS statement(s). Check that keys are specified by position in the record, starting from 1 and then by the length of the key part.

960 Error in MANTIS Global Resource Table during GLO_ADDENTRY.

Explanation MANTIS was not able to add a new User entry to the Global Resource Table during GLO_ADDENTRY. This is an internal error.

Action Contact Cincom Support.

961 Semaphore error during create using the UNIX "semget" command.

Explanation MANTIS was unable to create a Semaphore in the Global Resource Table for an ENQUEUE. This is an internal error.

Action Contact Cincom Support.

962 Semaphore error during create using the UNIX "semctl" command.

Explanation MANTIS was unable to create a Semaphore in the Global Resource Table for an ENQUEUE. This is an internal error.

Action Contact Cincom Support.

963 Semaphore error during remove using the UNIX "semctl" command.

Explanation MANTIS was unable to remove a Semaphore in the Global Resource Table for an ENQUEUE. This is an internal error.

Action Contact Cincom Support.

- 964 Semaphore error during enqueue using the UNIX "semop" command.
- Explanation** MANTIS was unable to perform an Enqueue on the Semaphore for the Resource Name on an ENQUEUE Statement in the Global Resource Table. This is an internal error.
- Action** Contact Cincom Support.
- 965 Error in MANTIS Global Resource Table during GLO_REMENTRY.
- Explanation** The Global Resource Table Memory is CORRUPTED within the system for mp_process. This is an internal error.
- Action** Contact Cincom Support.
- 966 Error in MANTIS Global Resource Table during GLO_REMENTRY.
- Explanation** The Global Resource Table Memory is CORRUPTED within the system for u.p_process. This is an internal error.
- Action** Contact Cincom Support.
- 970 Error in MANTIS Global Resource Table during GLO_INIT.
- Explanation** MANTIS was not able to add a new User entry to the Global Resource Table during GLO_INIT. This is an internal error.
- Action** Contact Cincom Support.
- 972 Error in MANTIS Global Resource Table during GLO_INIT.
- Explanation** MANTIS was not able to add a new User entry to the Global Resource Table during GLO_INIT in GLO_ADDENTRY. This is an internal error.
- Action** Contact Cincom Support.
- 974 Error in MANTIS Global Resource Table during GLO_CLEANPID.
- Explanation** The Global Resource Table Memory is CORRUPTED within the system for remove logic. This is an internal error.
- Action** Contact Cincom Support.

975 Error in MANTIS Global Resource Table during GLO_MAP.

Explanation MANTIS was not able to add a new User entry to the Global Resource Table during GLO_MAP in GLO_ADDENTRY. This is an internal error.

Action Contact Cincom Support.

976 Error in MANTIS Global Resource Table during GLO_CLEANPID.

Explanation The Global Resource Table Memory is CORRUPTED within the system for reassign logic. This is an internal error.

Action Contact Cincom Support.

980 Error in MANTIS Global Resource Table during GLO_REMENTRY.

Explanation MANTIS was not able to attach to Global Shared Memory using the UNIX “shmctl” command. This is an internal error.

Action Contact Cincom Support.

981 Error in MANTIS Global Resource Table during GLO_REMENTRY.

Explanation MANTIS was not able to dequeue from a Semaphore in the MANTIS Global Resource Table using the UNIX “semop” command. This is an internal error.

Action Contact Cincom Support.

982 Error in MANTIS Global Resource Table during GLO_REMENTRY.

Explanation MANTIS was not able to remove the Shared Memory in the MANTIS Global Resource Table using the UNIX “shmctl” command. This is an internal error.

Action Contact Cincom Support.

- 983 Error in MANTIS Global Resource Table during
 GLO_REMENTRY.
- Explanation** MANTIS was not able to remove the Semaphore in the
MANTIS Global Resource Table using the UNIX “shmct1” command.
This is an internal error.
- Action** Contact Cincom Support.
- 984 MANTIS Global Resource Table Semaphore MISSING from
 system!
- Explanation** MANTIS Global Resource Table Semaphore MISSING
from system. This is an internal error.
- Action** Contact Cincom Support.
- 985 Error in MANTIS Global Resource Table during
 GLO_CHGOWN.
- Explanation** MANTIS was not able to pass on Shared Memory
ownership of the Global Resource Table using the UNIX “shmct1”
command with the IPC_STAT option. This is an internal error.
- Action** Contact Cincom Support.
- 986 Error in MANTIS Global Resource Table during
 GLO_CHGOWN.
- Explanation** MANTIS was not able to set the Shared Memory
ownership of the Global Resource Table using the UNIX “shmct1”
command with the IPC_SET option. This is an internal error.
- Action** Contact Cincom Support.
- 987 Error in MANTIS Global Resource Table during
 GLO_CHGOWN.
- Explanation** MANTIS was not able to pass on the Semaphore
ownership of the Global Resource Table using the UNIX “shmct1”
command with the IPC_STAT option. This is an internal error.
- Action** Contact Cincom Support.

988 Error in MANTIS Global Resource Table during
 GLO_CHGOWN.

Explanation MANTIS was not able to set the Semaphore ownership of the Global Resource Table using the UNIX “shmctl” command with the IPC_SET option. This is an internal error.

Action Contact Cincom Support.

990 License Global Resource Table Semaphore MISSING from
 system!!.

Explanation License MANTIS Global Resource Table Semaphore MISSING from the system. This is an internal error.

Action Contact Cincom Support.

991 Command 'shmctl' failed for LIC Memory using IPC_STAT
 option.

Explanation MANTIS was not able to pass on Shared Memory ownership of the License Global Resource Table using the UNIX “shmctl” command with the IPC_STAT option. This is an internal error.

Action Contact Cincom Support.

992 Command 'shmctl' failed for LIC Memory using IPC_SET
 option.

Explanation MANTIS was not able to pass on Shared Memory ownership of the License Global Resource Table using the UNIX “shmctl” command with the IPC_SET option. This is an internal error.

Action Contact Cincom Support.

993 Command 'shmctl' failed for LIC Semaphore using
 IPC_STAT option.

Explanation MANTIS was not able to pass on Semaphore ownership of the License Global Resource Table using the UNIX “shmctl” command with the IPC_STAT option. This is an internal error.

Action Contact Cincom Support.

994 Command 'shmctl' failed for LIC Semaphore using
 IPC_SET option.

Explanation MANTIS was not able to pass on Semaphore ownership
of the License Global Resource Table using the UNIX "shmctl"
command with the IPC_SET option. This is an internal error.

Action Contact Cincom Support.

995 LIC GSM Header Count does not Match the LIC GSM Table
 Entries.

Explanation MANTIS was not able to find User in License Global
Resource Table, User Total Seats and Table Count mismatch. This is an
internal error.

Action Contact Cincom Support.

3

Facilities messages

A messages – External file design facility

A01 `'FIXED'` conflicts with occurrence-controlling element.

Explanation OCCURRENCE CONTROLLING ELEMENTS are only specified for variable-length records.

Action Either change the record type to variable or do not specify an Occurrence Controlling Element.

A04 ACTION must be 'A' -Alter, 'I' -Insert, 'D' -Delete.

Explanation You have attempted to modify, delete, or insert a line in your file view definition without supplying a valid action indicator.

Action Enter the appropriate action indicator in the first tab position.

A05 Cannot Alter/Delete empty line.

Explanation You have entered an A (Alter) or D (Delete) action next to a blank line in the access area layout.

Action Enter A or D actions on lines that contain field descriptions in the access area layout.

A06 Overflows the end of the record by # bytes.

Explanation The specified element overflows the end of the record. You have reduced the MAXIMUM RECORD LENGTH since the external record layout was created. The actual number of bytes will replace the ####... in the message.

Action Increase the MAXIMUM RECORD LENGTH by the specified number of bytes in the Create or Update File Views option.

- A10 Controlling and occurring elements must both be present or absent.
- Explanation** A controlling or occurring element has been specified alone.
- Action** Verify that both elements are either present or absent.
- A11 Data length must be in the range 1 to #.
- Explanation** You have specified a data length that is out of the valid range. The actual ending range will replace the #####... in the message.
- Action** Respecify the length of the data element.
- A12 Packed-decimal field length, #, exceeds maximum precision (<#>).
- Explanation** The packed decimal element exceeds the maximum allowable number of digits. MANTIS will allow up to 31 digits of precision because that is the maximum precision available using DECIMAL variables. Each byte of a packed-decimal field can store 2 decimal digits, and one of the nibbles in a packed-decimal field is reserved for the sign. The actual field lengths will replace the #####... in the message.
- Action** Correct the field length. A maximum of 16 bytes is allowed.
- A14 Dimension should be in 1 to ##### range.
- Explanation** You have specified an invalid dimension for a field in your file view layout definition. The actual ending range will replace the #####... in the message.
- Action** Correct the specified field.
- A15 Element length is not in 1 to ##### range.
- Explanation** You have specified an invalid element length. The actual ending range will replace the #####... in the message.
- Action** Correct the length of this text variable.
- A17 Element length is not in 2 to ##### range.
- Explanation** You have specified an invalid DBCS element length. The actual ending range will replace the #####... in the message.
- Action** Correct the length of this DBCS variable.

- A18 Element length must be even for DBCS.
- Explanation** You have specified an odd element length for a DBCS variable. DBCS variables must be an even number of bytes.
- Action** Specify an even number of bytes.
- A19 Element length must be greater than zero.
- Explanation** You have specified an element length of zero.
- Action** Specify an element length greater than zero.
- A20 External File Name must be supplied.
- Explanation** The specified external file was not found.
- Action** You must enter the name of an external file that already exists. You may also enter a logical name that translates to the file specification.
- A21 File Type must be Indexed, Sequential, Relative, or Mailbox.
- Explanation** You have not entered a valid file type. You must enter one of INDEXED, SEQUENTIAL, RELATIVE, or, for OpenVMS only, MAILBOX.
- Action** Specify the desired file type.
- A22 First occurring must be positioned after controlling element.
- Explanation** The First Occurring Element is not positioned after the Controlling Element.
- Action** Position the Controlling Element before the First Occurring Element.
- A24 For Binary fields, Length must be 1, 2, 4 or 8.
- Explanation** Binary fields can only be Byte, Word, Longword or Quadword fields with lengths of 1, 2, 4, or 8 bytes.
- Action** Modify the length.

A25 For Floating Point fields, Length must be 4 or 8.

Explanation The floating-point element has a length other than 4 (single precision) or 8 (double precision) bytes.

Action Modify the length.

A26 Format must be Text, Packed, Zoned, Binary, Float, Decimal or Kanji/DBcs.

Explanation MANTIS only supports the following external file data formats: (T)ext, (P)acked, (Z)oned, (B)inary, (F)loat, (D)ecimal, (K)anji, or (DB)cs. KANJI and DBCS are synonyms in MANTIS design facilities and you may notice the facilities changing DBCS to KANJI.

Action Modify the FORMAT to specify one of the correct external data formats. You only need to specify the first letter, except for DBCS, which requires two letters to distinguish it from DECIMAL.

A31 Key elements must be contiguous.

Explanation The key elements need to be contiguous.

Action Check all key fields to verify that they immediately follow the first key field.

A32 Key must be supplied for Indexed files.

Explanation An indexed file type requires a key specification.

Action Specify the key for the file.

A33 Mailbox File Type not allowed in IBM compatibility mode.

Explanation Mailboxes are not supported in MANTIS for the IBM mainframe. MANTIS is currently operating in the IBM compatibility mode.

Action Do not specify MAILBOX, or ask your Master User to disable the IBM MANTIS Option.

A34 More than 255 data elements.

Explanation Your file layout definition has more than 255 elements specified.

Action If you don't need to update the file, you could create separate external file views to cover different portions of the external file record. You could also combine some adjacent text field elements and let the MANTIS program split them into separate fields.

A35 No data elements supplied for this file.

Explanation You have not supplied any data elements for this file.

Action Either specify an associated area layout or define elements for this file.

A37 Record Type must be FIXED or VARIABLE.

Explanation You have entered an invalid record type.

Action Specify the correct record type.

A38 Reference Variable must not be supplied for Indexed files.

Explanation Data fields that form part of the external file record must key INDEXED files. Separate reference variables for a key are not required and are not allowed.

Action Erase the REFERENCE VARIABLE NAME field, and specify at least one KEY field in the external file record layout. You could also specify a SEQUENTIAL or RELATIVE file type.

A42 Variable length records are not allowed for Relative files.

Explanation RELATIVE files must have fixed-length records so that keyed access may be obtained through relative record number (RRN).

Action Avoid specifying variable-length records for relative files.

A43 Zoned-decimal field contains more than <#> digits.

Explanation The zoned decimal element exceeds the maximum allowable number of digits. The maximum precision of a number as supported by MANTIS is set by the maximum precision of the DECIMAL data type, currently, 31 digits. The actual number of digits will replace the #####... in the message.

Action Reduce the field length (LEN). Each byte of a zoned-decimal number stores one digit, and one byte are reserved for the sign if a SEPARATE sign is specified (L/S or T/S).

A45 Key # cannot be a recurring structure.

Explanation The OFFSET field is greater than the LENGTH field for a dimensioned (recurring) element. This implies that the element is part of a recurring structure with a variable number of repeats determined by the OCCURRENCE CONTROLLING ELEMENT. It also implies noncontiguous occurrences of the field, which cannot have the KEY attribute. The actual key will replace the # in the message.

Action Either remove the KEY attribute, make the OFFSET field equal to the LENGTH field, or erase the OFFSET.

A46 Reference Variable must be supplied for # files.

Explanation SEQUENTIAL and RELATIVE files must have a REFERENCE VARIABLE defined to serve as a pseudo key field for keyed GET statements. The actual number of files will replace the #####... in the message.

Action Specify a REFERENCE VARIABLE NAME.

A47 '#' does not have starting position within record.

Explanation You have omitted to specify a starting position for an element in the file view layout. The element name will replace the # in the message.

Action Specify a valid position for the element in the file view layout.

A48 Key must not be specified for # files.

Explanation The indicated file type does not support keyed access using key fields defined in the record layout. The actual filenames will replace the #####... in the message.

Action If you want the file to contain key fields you must specify an INDEXED file type.

A49 Occurrence Controlling element '#' is not defined.

Explanation You have not defined the specified OCCURRENCE CONTROLLING ELEMENT. The actual element will replace the #####... in the message.

Action Check the spelling of OCCURRENCE CONTROLLING ELEMENT definition.

A50 Controlling element '#' must be numeric and unsubscripted.

Explanation The specified controlling element is invalid. It must be a numeric field because it is used to store the number of repeats of the data elements beginning with the FIRST OCCURRING element in the record layout. The actual element will replace the #####... in the message.

Action Alter the specifications of the field.

A51 Dimension/offset differ for '#' and '#'.

Explanation For variable-length records, repeated groups of fields (controlled by the Controlling Element) must have identical DIM and OFFSET. The actual dimension and offset replaces the #####... in the message.

Action Make sure all elements in the recurring group have the same DIM and OFFSET values.

A52 Key must not be supplied for # files.

Explanation The indicated file type does not support keyed access using key fields defined in the record layout. The actual filenames will replace the #####... in the message.

Action If you want the file to contain key fields you must specify an INDEXED file type.

A53 WARNING - the maximum record size has been increased to # bytes.

Explanation The maximum record size has been automatically expanded to fit all defined fields. The actual byte size will replace the #####... in the message.

Action If you don't want the record to be this length, you must remove (or make smaller) some of the fields, and then redefine MAXIMUM RECORD SIZE in the Create or Update File Views option.

A55 File type must be Indexed, Sequential, or Relative.

Explanation You have entered an invalid file type. Valid file types are INDEXED, SEQUENTIAL, or RELATIVE.

Action Enter a valid file type.

A56 The xxxx Access Method does not support INDEXED files.

Explanation The specified file access method does not have indexed file support.

Action Use another file type or select an access method that supports indexed files, for example, RMS on OpenVMS or CISAM/MISAM on UNIX.

B messages – General facilities

B01 '#' Saved.

Explanation This informational message is confirmation that an entity was successfully saved in the MANTIS File. The actual entity will replace the #####... in the message.

Action No action is required.

B02 '#' Replaced.

Explanation This informational message is confirmation that an entity was successfully replaced in the MANTIS File. The actual entity will replace the #####... in the message.

Action No action is required.

B03 '#' Fetched.

Explanation This informational message is confirmation that an entity was successfully fetched from the MANTIS File. The actual entity will replace the #####... in the message.

Action No action is required.

B04 '#' Deleted.

Explanation This informational message is confirmation that an entity was successfully deleted from the MANTIS File. When non-empty MANTIS files are deleted, the number of deleted records is appended to the message text. The actual entity will replace the #####... in the message.

Action No action is required.

B07 Error Saving '#' (#).

Explanation The entity was not successfully inserted into the MANTIS File. The actual entity and status will replace the #####... in the message.

Action Use the extra status information, if available, to determine the cause of the problem. Probable causes are:

- ◆ Another MANTIS process simultaneously inserted the same entity resulting in a DUPLICATE error for your process.
- ◆ System limitations exceeded, e.g., full disk.

If the cause of the error cannot be found, report this problem to Cincom Support.

B08 Error Replacing '#' (#).

Explanation The entity was not successfully replaced in the MANTIS File. The actual entity and status will replace the #####... in the message.

Action Use the extra status information, if available, to determine the cause of the problem. Probable causes are:

- ◆ Another MANTIS process simultaneously inserted the same entity resulting in a DUPLICATE error for your process.
- ◆ System limitations exceeded, e.g., full disk.

MANTIS generally replaces design entities by doing a delete followed by an insert. Usually, the error occurs during the insert phase of the replacement, and unless your MANTIS File is being journalled for recovery, you can lose the entity. If the cause of the error cannot be found, report this problem to Cincom Support.

B09 Error Deleting '#' (#).

Explanation The entity was not successfully deleted from the MANTIS File. The actual entity and status will replace the #####... in the message.

Action Use the extra diagnostic error message in parentheses, if available, to determine the cause of the problem. This error is very rare and indicates either a system error or an internal MANTIS error. If the cause of the error cannot be found, report this problem to Cincom Support.

- B10 '#' Already Exists
- Explanation** The entity cannot be saved in the MANTIS File because it already exists. The actual entity will replace the #####... in the message.
- Action** Either REPLACE the entity in the MANTIS File, or enter a new name for the SAVE function.
- B11 '#' Does Not Exist.
- Explanation** The specified entity does not exist. The actual entity will replace the #####... in the message.
- Action** Check that you have entered the correct entity name.
- B12 You cannot update the # library.
- Explanation** You cannot REPLACE or DELETE entities in any other MANTIS user's library. On SAVE functions, MANTIS automatically replaces a foreign user name with your own user name before attempting the function. The actual name of the library will replace the #####... in the message.
- Action** You have to be signed on as the specified user to perform this function.
- B13 Access denied by password protection.
- Explanation** The entity belongs to another MANTIS user and is password protected.
- Action** Use Library Functions to specify the correct password before fetching the design. When not in Library Functions, the current working design's password must match the required password.
- B14 The User # does Not Exist.
- Explanation** The specified user name is not defined in the MANTIS File. The actual user name will replace the #####... in the message.
- Action** Sign on as MASTER, and find the correct user name from the Directory of Users.

B15 Entity Name must be 1 - # characters.

Explanation The entity name is either NULL or too long. MANTIS removes leading and trailing spaces from entity names you enter before attempting to use them. The actual ending range will replace the #####... in the message.

Action Supply a name of 1–*n* characters for the entity name.

B16 This function is not available.

Explanation You are running an execute-only version of MANTIS, and are not allowed to execute SAVE or DELETE functions.

Action Use DISPLAY "OPTIONS" or SHOW \$OPTION ("EXONLY") to check the MANTIS option. It should be TRUE (1). If it is TRUE but you expected it to be FALSE, there may have been a problem with the product installation. Product authorization options are defined by the logical name MANTIS_PATCH. Use the MANTISCHK utility to verify the options. Contact Cincom Support if necessary.

B17 WARNING, Unsaved Changes Exist.

Explanation Unless you change your mind about executing the previous function, any changes that have been made to the current working design will be lost when a new design is loaded into the work area. Under some circumstances, MANTIS may think that the current design has been modified when it has not. For example, if you type an 'A' in Update Record Layout, MANTIS marks the work area as updated even if no other fields on the line are modified.

Action Press the indicated key to confirm the action, and any changes to the current working program will be lost. Otherwise, press any key to cancel the request.

B18 WARNING, Replacing Another Design.

Explanation This warning message indicates that you have modified the design name for the REPLACE function. This is usually the result of accidentally selecting REPLACE instead of FETCH or SAVE, or of accidentally modifying the design name.

Action Press the specified key (again) to confirm the REPLACE if you really want to replace the specified design with the working design. Otherwise, press any other program function key, and the REPLACE function will be aborted.

B19 WARNING, Entity Will Be Deleted.

Explanation In case you accidentally selected the DELETE function, you are required to enter confirmation before the entity is deleted from the MANTIS File.

Action Press the specified key (again) to confirm the DELETE function. Otherwise, press any other program function key, and the DELETE function will be aborted.

B20 WARNING, Program Source Will Be Deleted.

Explanation In case you accidentally selected the DELETE PROGRAM SOURCE function, you are required to enter confirmation before the program source code is deleted from the MANTIS File. The BOUND program code, which remains, can still be executed but you will not be able to edit the program again, nor LIST the program source code.

Action Press the specified key (again) to confirm the DELETE function. Otherwise, press any other program function key, and the DELETE function will be aborted.

B28 Unrecognized Language '#'.

Explanation The specified language is not defined in the MANTIS File. All languages must be defined before entities can be associated with them. The actual language name will replace the #####... in the message.

Action Sign on as MASTER and run the Update Language Codes Facility to view the valid language names, or to register a new language if necessary.

B29 Invalid Device Size specified.

Explanation You have entered an invalid screen size. The recognized screen sizes are: 43 X 80, 32 X 80, 27 X 132, 24 X 132, 24 X 80. These device sizes describe the physical dimensions of a character cell display screen in terms of rows by columns. If you are running MANTIS on a nonstandard screen (24 X 80 is standard), you need to specify a device size that approximates your display device (in character cell display mode) so that MANTIS will display as much of the screen domain as possible on each CONVERSE.

Action Enter one of the valid screen sizes. MANTIS will override your input with the current default settings until you enter a valid size.

B30 Access denied due to insufficient privilege.

Explanation The entity belongs to a privileged MANTIS user and access is not allowed under any circumstances.

Action You have to be able to sign on as the privileged user to get access to the entity. Signon access to privileged users is a product installation option. Product authorization options are defined by the logical name MANTIS_PATCH. Use the MANTISCHK utility to verify the options—contact Cincom Support for assistance if necessary.

B31 WARNING, The file contains Data Records.

Explanation This warning message indicates that the file you are about to delete is not empty. You are required to confirm the DELETE function before MANTIS deletes both the file design and all existing file data records from the MANTIS File.

Action Press the specified key (again) to confirm the DELETE. Otherwise, press any other program function key, and the DELETE function will be aborted. If you want to delete all file data, but not the file design, use the 'DELETE file-name ALL' statement.

B32 The file of # is reserved.

Explanation The file forms part of your user account structure and is required by the MANTIS facilities. The file design is proprietary to Cincom Systems Inc. The actual filename will replace the #####... in the message.

Action If you have a valid reason for obtaining information about reserved files, contact Cincom Support.

B33 Directory of another user (#) is not supported.

Explanation Directory facilities are limited to your own MANTIS library. MANTIS does not allow you to view directories of other user libraries. The actual filename will replace the #####... in the message.

Action You have to sign on as the other user to obtain a directory of that library.

B34 Press # to confirm Save.

Explanation Your selected action has caused MANTIS to issue a warning message. You are requested to press the specified key (again) to confirm your action. The actual key will replace the #####... in the message.

Action Press the specified key (again) to save the entity in the MANTIS File, or press any other program function key to abort the operation.

B35 EXPORT WITH DATA field must be 'N'.

Explanation Data cannot be EXPORTED from a MANTIS file if unsaved changes exist in the work area, or if you have specified a design from another library. Data cannot be IMPORTED, since it is only possible to import into the work area. The only instance when you may enter 'Y' to the EXPORT WITH DATA field is when you are exporting a MANTIS file from your own library and you have not altered the design in the work area.

Action Change the EXPORT WITH DATA field to be 'N'.

B42 You must specify LEN or DEC for a DECIMAL field.

Explanation MANTIS must know the external field length and the precision of a DECIMAL field. External DECIMAL format includes one byte per digit and 2 extra bytes for the sign and exponent of the number, so you only need to specify one of the values, LEN or DEC, and MANTIS calculates the other. For DECIMAL fields, DEC specifies the precision of the number (number of significant digits), unlike Packed, Zoned, and Binary fields, where DEC specifies the number of decimal places after an implied decimal point.

Action Supply a value for LEN and/or DEC. If you specify both, make sure that LEN is greater than or equal to DEC+2 to allow for the sign and exponent of the DECIMAL number.

B43 LEN should be at least <#> for the specified number of digits.

Explanation You enter the precision of a DECIMAL number in the DEC field, which is the maximum number of significant digits the variable may hold. Externally, the DECIMAL data is stored using one byte per digit for the entire precision, plus two extra bytes for the sign and exponent of the number. Therefore the value specified for LEN must be at least DEC+2 bytes. The actual number of decimal places will replace the #####... in the message.

Action Increase LEN to the stated minimum, or reduce the value specified for DEC.

B44 A DECIMAL field must have at least one digit.

Explanation You enter the precision of a DECIMAL number in the DEC field, which is the maximum number of significant digits the variable may hold. The allowed range for DECIMAL precision is 1–31.

Action Specify a value for DEC between 1 and 31.

B45 TYPE must be Text, Small, Big, Integer, Decimal or Kanji/DBcs.

Explanation The TYPE field is used to specify the data type of the MANTIS variable, which maps to the externally defined field. You only need to specify the first letter of the data type, except for DBCS where two letters are required to distinguish it from the DECIMAL data type. KANJI and DBCS are synonyms in the MANTIS facilities and you may notice the facilities changing DBCS to KANJI.

Action Specify at least the first letter of one of the above types. Enter at least a K or DB to specify a DBCS data field.

B46 You must specify an internal or external data type.

Explanation MANTIS must know the data type of the field so that it can create program variables at run time to store the data internally. If you only specify one data type, MANTIS will supply a matching data type for the other one. If you specify both, you should select compatible data types and comparable precision in the case of numeric types. MANTIS will override numeric data types of inadequate precision if necessary to ensure that no information can be lost on an I/O operation.

Action Specify a valid internal and/or external data type.

D messages – Directory facility

D01 Error loading status texts from MANTIS File.

Explanation The status information displayed on the Program Design Directory Selection screen is loaded from the MANTIS File during initialization of Program Design. An error occurred when reading these messages.

Action Report this problem to Cincom Support.

D02 Unsaved Changes Exist, Press <#> to confirm Fetch.

Explanation Fetching the specified program will result in the loss of changes to the existing program in the work area. You have been asked to confirm the FETCH by pressing the specified key. The actual key will replace the #####... in the message.

Action Press the indicated key (again) to FETCH the specified program into the work area, and any changes to the current working program will be lost. Otherwise, press any other program function key to cancel the request.

D03 Press <#> to confirm Delete.

Explanation This warning message indicates that MANTIS is ready to delete all entities in the directory marked with the action code 'P' (Purge). You are required to confirm the DELETE before MANTIS deletes the entities from the MANTIS File. The actual key will replace the #####... in the message.

Action Press the specified key (again) to confirm the DELETE. Otherwise, press any other program function key, and the DELETE function will be aborted.

D04 Directory of xxxxxx Printed.

Explanation This informational message indicates that the directory listing has been produced. If the PRINTER attributes include NOSPOOL, the directory listing can be found in the PRINTER file.

Action If you cannot locate the listing, use the 'SHOW ATTRIBUTE (PRINTER)' command to see if the NOSPOOL (NOS) attribute is set. If so, use the 'SHOW PRINTER' command to find the name of the printer file to which the listing was written. Otherwise, the listing should have been sent to the printer.

E messages – Universal export facility

The Universal Export Facility issues E-messages when it reaches a situation where you need to correct an error, or UEF will provide information. The prefixes are:

- ◆ **INF:** Information-only message, or prompt for correct action
- ◆ **WNG:** Warning information message. An abnormal even has occurred that UEF calls to your attention. It may have successfully completed or not, depending upon your expectation..
- ◆ **ERR:** An execution error that prevented successful completion has occurred.

E01 INF: At least one entity or 'ALL' must be selected.

Explanation You did not select an entity type on the main UEF screen. The actual ?????? replaces the #####... in the message.

Action Select “ALL” or at least one entity.

E02 INF: Invalid design name or wild card expression -
 enter again.

Explanation The name entered in the SELECTION field of the main UEF screen is invalid.

Action Enter a valid entity name.

E03 INF: Cannot select other entities if 'ALL' is
 selected.

Explanation You have selected “ALL” and other entities that are an illegal combination.

Action Either select “ALL” only or select one or more other entities.

E04 INF: The 'SELECTION' field should contain nothing.

Explanation The SELECTION field of the main UEF screen is not blank when it should be.

Action Blank out the SELECTION field.

- E05 INF: Directory should be turned off
- Explanation** Export with directory has been selected when it should not have been.
- Action** Enter 'N' in the EXPORT USING DIRECTORY SELECTION field of the UEF options screen.
- E06 ERR: Fields must be specified in ROW/COLUMN order.
- Explanation** On import, screen fields are to be in row/column order. This message is displayed when they are not.
- Action** Edit the export file to arrange the screen fields in row/col order.
- E07 ####: ENTITIES #####, ##### DATA RECORDS, ####
 ERRORS, #### WARNINGS.
- Explanation** This message is displayed at the end of UEF processing, it shows the number of entities processed (for either export or import), the number of data records processed, the number of errors that occurred and the number of warnings that were reported. The actual number of entities, data records, errors and warnings replaces the ####... in the message.
- Action** Informational only. No action required.
- E08 INF: Default description for UEF Import.
- Explanation** IBM requires that entities are stored with a description, Windows, UNIX, and Open/VMS MANTIS do not. This message is used as the default description for IBM when the export file has been generated from Windows, UNIX, and Open/VMS and no description exist.
- Action** Informational only. No action required.
- E09 WNG: Default ##### assigned.
- Explanation** This message warns the user that a default has been used. The actual default value replaces the ####... in the message.
- Action** Informational only. No action required.

E10 INF: This function is not available.

Explanation This message is displayed when the executing MANTIS is an execute only version. UEF is not available in an execute only MANTIS.

Action UEF can only be accessed using a non-execute-only version of MANTIS. Contact Cincom Support.

E11 ERR: Error in creating file, please reenter FILE NAME.

Explanation The EXPORT FILE NAME supplied on the main UEF screen is invalid, or system permissions prevent the creation of a file.

Action Enter a valid file name or change directory or change the permission on the current directory.

E12 WNG: Data not imported for privileged file #####.

Explanation This message indicates that an attempt was made by a non-privileged user to import privileged file data. The actual filename replaces the #####... in the message.

Action Informational only. No action required.

E13 ERR: File not found, reenter name or <CANCEL> to exit.

Explanation The file specified by EXPORT FILE NAME on the main UEF screen does not exist.

Action Enter the name of an existing file in the EXPORT FILE NAME field of the main UEF screen.

E14 INF: Specified DEVICE not valid.

Explanation Invalid screen device dimensions (ROWS x COLS) were specified in the SCREEN DEVICE field of the UEF options screen.

Action Enter valid screen device dimensions in the SCREEN DEVICE field.

E15 WNG: Privileged file ##### not imported.

Explanation This message indicates that an attempt was made by a non-privileged user to import a privileged file. The actual filename replaces the #####... in the message.

Action Informational only. No action required.

E16 INF: Specified LANGUAGE not valid.

Explanation A language unknown to MANTIS was specified in the LANGUAGE field of the UEF options screen. The actual language will replace the #####... in the message.

Action Enter a language known to MANTIS in the LANGUAGE field.

E17 INF: User ##### is not recognized.

Explanation This message is only displayed for the CONTROL user, when the CONTROL user attempts to export all entities for a particular user and that user does not exist. The actual user name replaces the #####... in the message.

Action Make the user known to MANTIS, by asking your administrator to create the USER specified.

E18 INF: EXPORTED.

Explanation This message is never displayed standalone rather it forms part of E07.

Action Informational only. No action required.

E19 INF: IMPORTED.

Explanation This message is never displayed standalone, it forms part of Message E07.

Action Informational only. No action required.

E20 ERR: ' #####' already exists.

Explanation This message is displayed when an attempt is made to import an entity that already exists, and ADD has been specified on the UEF options screen. The actual entity will replace the #####... in the message.

Action If you really want to import this particular entity then put an 'R' in the ADD OR REPLACE field of the UEF options screen. Note that doing so will override the existing design with the one being imported.

E21 ERR: Invalid attribute '#####'.

Explanation The attribute given is not known to UEF. The actual attribute will replace the #####... in the message.

Action Check the attribute against the list of known attributes and update the export file accordingly.

E22 ERR: Too many files allocated.

Explanation This message is displayed when the MANTIS limit for the number of open files is reached.

Action Contact Cincom Support.

E23 ERR: Quoted text literal expected.

Explanation On import a string was expected but was not found.

Action Update the export file to add the expected quotes.

E24 ERR: ##### field limit exceeded.

Explanation This message is displayed when the MANTIS limit for the number fields for SCREENS, SETS, ACCESSES, or INTERFACES is reached. The actual field limit will replace the #####... in this message.

Action Update the export file removing the number of fields in excess of the number allowed.

E25 ERR: ##### field count exceeded the number of fields specified.

Explanation This message indicates that during import of a FILE, SCREEN, ACCESS, or INTERFACE, the number of fields specified did not equal a count of the specified fields. The actual field count will replace the #####... in the message.

Action Decrease the number of fields specified, by editing the Export File.

E26 ERR: Invalid data type '#####'.

Explanation Displayed data type is not known to UEF. The actual data type will replace the #####... in the message.

Action Assign a valid data type.

E27 ERR: PROMPTER line limit exceeded.

Explanation This message indicates that during the import of a prompter description the prompter line limit was exceeded. The actual prompter name will replace the #####... in the message.

Action Update the export file removing the number of prompter lines in excess of those allowed.

E28 ERR: PROMPTER line count exceeded the number of lines specified.

Explanation This message indicates that during import of a PROMPTER, the number of lines specified did not equal a count of the specified lines. The actual prompter line count will replace the #####... in the message.

Action Correct the prompter line count descriptor in the export file.

E29 ERR: Number of valid list items exceeded the number specified.

Explanation This message indicates that during import of a SCREEN field, the number of valid list items specified did not equal a count of the specified valid list items.

Action Update the export file to either increase the specified valid list item count or to decrease the number of valid list items specified.

E32 ERR: File type should be 'PRIMARY' or 'RELATED'.

Explanation Indicates that an ULTRA/TOTAL file type was not one of RELATED or PRIMARY.

Action Correct the FILE_TYPE descriptor in the export file.

E33 ERR: Expected '#' but received '#'.

Explanation During import an expected character was not detected. The actual character expected and character received will replace the ####... in the message.

Action Update the export file, in accordance with the Universal Export Facility syntax.

E34 ERR: Invalid token '#####'.

Explanation A token unknown to UEF was detected. The actual token detected will replace the ####... in the message.

Action Update the export file, in accordance with the Universal Export Facility syntax.

E35 INF: on input line #####.

Explanation This message is used in association with E34 to indicate the line of the Export File where the Invalid token was detected. The actual line number of the invalid token will replace the ####... in the message.

Action Informational only. No action required.

E36 INF: Added data for #####.

Explanation Processing message indicating into which file data has been added. The actual filename will replace the ####... in the message.

Action Informational only. No action required.

E37 INF: Replaced data for #####.

Explanation Processing message indicating into which file data has been replaced. The actual filename will replace the ####... in the message.

Action Informational only. No action required.

- E38 INF: Skipping remainder of definition.
- Explanation** This message is displayed when import detects an error in the current description and is unable to recover.
- Action** Informational only. No action required.
- E39 INF: Restart at line #####.
- Explanation** This message is used in conjunction with E38 to indicate at which line import processing will restart from. The actual starting line number will replace the #####... in the message.
- Action** Informational only. No action required.
- E40 INF: Processing #####.
- Explanation** During export this message indicates the name and type of entity being processed. The actual name and type of entity will replace the #####... in the message.
- Action** Informational only. No action required.
- E41 ERR: The closing quote is missing from a text literal.
- Explanation** On import a string was detected but it does not have matching opening and closing quotes.
- Action** Update the export file to add the expected quotes.
- E42 ERR: Invalid Entity Type.
- Explanation** This message is displayed when the entity_type passed from the library functions is not one of SCREEN, PROCESS, PROMPTER, SET, ACCESS, INTERFACE, or SUPRA.
- Action** Contact Cincom Support.
- E43 WNG: Ignoring #####.
- Explanation** The entity specified did not match the selection criteria specified, thus it is being ignored. The actual entity specified in the selection criteria will replace the #####... in the message.
- Action** Informational only. No action required.

E44 WRG: Line number ##### commented out.

Explanation This message is displayed when a program line being imported is illegal. The actual line number will replace the #####... in the message.

Action Informational only. No action required.

E46 WNG: INTERNAL INTERFACE set to ###.

Explanation (UNIX Only) On import of an Interface the internal interface was set to the specified value. The actual value will replace the #####... in the message.

Action This may not require any action, but it is displayed to inform the user that this is a possible problem area.

E47 WNG: INTERNAL INTERFACE BUFFER set to ###.

Explanation (UNIX Only) On import of an Interface the internal interface buffer was set to the specified value. The actual value will replace the #####... in the message.

Action This may not require any action, but it is displayed to inform the user that this is a possible problem area.

E48 INF: .EXP

Explanation File name extensions for Library Functions, IMPORT/EXPORT.(.MSD.MPR.MIF.MPT.MEF.MID.MPD. are these correct?)

Action Informational only. No action required.

E50 ERR: An indexed file must specify a key field.

Explanation On import an indexed file without a key was detected.

Action Update the Export file, adding the attribute of KEY to the key fields.

E51 WNG: ##### mapped to #####.

Explanation This message informs the user of any mapping that has taken place when importing an export file that was generated on another platform. The actual export filename and platform name will replace the #####... in the message.

Action This may not require any action, but it is displayed to inform the user that this is a possible problem area.

E52 ERR: Invalid #####.

Explanation Indicates that the given descriptor and value is not known to UEF. The actual descriptor and value will replace the #####... in the message.

Action Update the export file, changing the invalid descriptor to a valid one.

E53 ERR: ACCESS_METHOD must be BINARY/TEXT for
RELATIVE/SEQUENTIAL file.

Explanation (UNIX Only) During import of an ACCESS description with RELATIVE file type an ACCESS_METHOD other than BINARY was detected or for an ACCESS description with SEQUENTIAL file type an ACCESS_METHOD other than TEXT was detected.

Action Correct the ACCESS_METHOD descriptor in the Export File.

E54 ERR: Problem with export cluster.

Explanation MIKE?.

Action Informational only. No action required.

E55 WNG: INTERNAL INTERFACE RESIDENT set to ###.

Explanation Informs the user that the INTERNAL INTERFACE RESIDENT has been set to the given value.

Action Informational only. No action required.

E56 WNG: ##### not supported on this platform.

Explanation The specified descriptor is not supported on the current platform. The actual descriptor will replace the #####... in the message.

Action This may not require any action, but it is displayed to inform the user that this is a possible problem area.

E57 ERR: ##### required but not found.

Explanation During import an entity profile is built. Some platforms require that certain descriptors be supplied prior to the entity being added/replaced in the MANTIS Cluster. This message indicates which descriptors are required but have not been found. The actual required descriptor will replace the #####... in the message.

Action Update the export file adding the required descriptor for the specified entity.

E58 ERR: First field of file must have attribute of KEY.

Explanation During import of a FILE description it was detected that the first field specified did not have an attribute of KEY.

Action Update the export file adding the attribute of KEY the first field of the specified entity description.

E59 ERR: FIELD_TYPE must exist for each field.

Explanation During import a field was read that did not have a FIELD_TYPE.

Action Update the export file adding the FIELD_TYPE descriptor to each field of the specified entity.

E60 ERR: KEY_OF_REFERENCE cannot exist for an INDEXED file type.

Explanation During import of an INDEXED file the KEY_OF_REFERENCE descriptor was detected.

Action Update the export file removing the KEY_OF_REFERENCE reference descriptor or changing the FILE_TYPE descriptor to one that does support a KEY_OF_REFERENCE.

E61 ERR: REFERENCE_VARIABLE must exist for a NUMBERED file type.

Explanation During import of a NUMBERED file the REFERENCED_VARIABLE descriptor was not detected.

Action Update the export file to add a REFERENCE_VARIABLE descriptor, or change the FILE_TYPE to one that does not require a REFERENCE_VARIABLE.

E62 ERR: ##### cannot exist for REMOTE Interface.

Explanation During import of a REMOTE interface the given descriptor was detected when it shouldn't have been. The actual descriptor will replace the #####... in the message.

Action Update the export file, removing the specified descriptor for the specified entity description.

E63 INF: in #####.

Explanation The message is used in conjunction with a number of other messages to indicate the entity type and name in which an error occurred. The actual entity type and name will replace the #####... in the message.

Action Informational only. No action required.

E64 WGN: ##### set to 'NO'.

Explanation (UNIX ONLY) indicates that the given descriptor was set to NO during import. The actual descriptor will replace the #####... in the message.

Action This may not require any action, but it is displayed to inform the user that this is a possible problem area.

E65 ERR: Skipping to matching closing bracket.

Explanation During import if an error was detected that was associated with a left bracket, then this message is displayed indicating that processing has skipped to the matching right bracket.

Action Informational only. No action required.

E66 WGN: Status not 'ACTIVE' for file #####.

Explanation This message is warning the user that the FILE they are attempting to process has a non-ACTIVE status and thus cannot be processed. The actual filename will replace the #####... in the message.

Action Update the export file, changing the status of the specified entity description to ACTIVE.

E67 WGN: No data imported for file #####.

Explanation This message is used in conjunction with E66 to indicate the non-active file for which the data was not imported. The actual filename will replace the #####... in the message.

Action Information only. No action required.

E68 WGN: No data exported for file #####.

Explanation This message is used in conjunction with E66 to indicate the non-ACTIVE file for which the data was not exported. The actual filename will replace the #####... in the message.

Action Information only. No action required.

E69 ERR: Deleting File #####.

Explanation Indicates that an error was encountered when attempting to delete the FILE given prior to another version of the FILE being imported. The actual filename will replace the #####... in the message.

Action Contact Cincom Support.

E70 ERR: REFERENCE_VARIABLE must not exist for an INDEXED file.

Explanation During import of an INDEXED file the REFERENCE_VARIABLE descriptor was detected.

Action Update the export file to remove a REFERENCE_VARIABLE descriptor or to change the FILE_TYPE to one that does require a REFERENCE_VARIABLE.

- E71 ERR: REFERENCE_VARIABLE must exist for NUMBERED file.
- Explanation** During import of a NUMBERED file the REFERENCE_VARIABLE descriptor was NOT detected.
- Action** Update the export file to add a REFERENCE_VARIABLE descriptor or to change the FILE_TYPE to one that does not require a REFERENCE_VARIABLE.
- E72 ERR: Variable length records not allowed for NUMBERED files.
- Explanation** During import an ACCESS description with NUMBERED FILE_TYPE and variable length records was detected.
- Action** Update the export file, changing the variable length records to fixed length records.
- E76 ERR: KEY fields not allowed for SEQUENTIAL/NUMBERED files.
- Explanation** During import a FILE with ASCII FILE_TYPE and ACCESS_METHOD other than DOS was detected.
- Action** Update the export file, removing the attribute of KEY from all the fields of the specified descriptor.
- E77 ERR: RECORD_TYPE must be #####.
- Explanation** During import a RECORD_TYPE other than the one given was detected. The actual RECORD_TYPE needed will replace the #####... in the message.
- Action** Update the export file changing the RECORD_TYPE to that specified.
- E78 ERR: Both NUM_REPEATS and FIRST_REPEATING_ELEMENT must be specified.
- Explanation** During import a descriptor was found where either NUM_REPEATS or FIRST_REPEATING_ELEMENT was specified without the other.
- Action** Update the export file, specifying both NUM_REPEATS and FIRST_REPEATING_ELEMENT descriptors for the description specified.

E79 ERR: Scanned beyond end of line.

Explanation This error should never occur. It indicates some form of corruption during the reading of the export file.

Action Contact Cincom Support.

E80 ERR: KEY fields not allowed for FILE_TYPE specified.

Explanation Indicates that during import a field with the KEY attribute was detected for a FIL_TYPE on which this is not allowed.

Action Update the export file, removing the attribute of KEY from all the fields of the specified descriptor.

E81 ERR: RELATIVE files must specify a
REFERENCE_VARIABLE.

Explanation Indicates that during import a RELATIVE file without a specified REFERENCE_VARIABLE was detected.

Action Update the export file, adding a REFERENCE_VARIABLE descriptor for the entity description specified.

E82 ERR: Variable length records not allowed for #####
file.

Explanation Variable length records are not permitted for the given file type. The actual filename will replace the #####... in the message.

Action Update the export file, changing the variable length records to fixed length records.

E84 ERR: Illogical program ##### not imported.

Explanation Indicates that an attempt was made to import an illogical program. The actual program name will replace the #####... in the message.

Action Update the export file, altering the program lines so that the program is no longer illogical.

E85 WNG: INTERFACE TYPE set to #####.

Explanation Informs the user that the INTERFACE TYPE has be set to the given value. The actual value will replace the #####... in the message.

Action Informational only. No action required.

E87 ERR: Adding #####.

Explanation Indicates that an error occurred while adding the given entity. The actual entity will replace the #####... in the message.

Action Contact Cincom Support.

E88 ERR: Replacing #####.

Explanation Indicates that an error occurred while replacing the given entity. The actual entity will replace the #####... in the message.

Action Contact Cincom Support.

E89 ERR: Error ### opening log file.

Explanation The system permissions prevent the opening of the log file. The system message will replace the #####... in the message.

Action Change directories or change the permissions on the current directory.

E90 ERR: Importing data for #####.

Explanation This message indicates that an error occurred during import of the data for the given file. The actual filename will replace the #####... in the message.

Action Contact Cincom Support.

E91 INF: Invalid data entered in ##### field, please reenter.

Explanation This message indicates that an invalid value has been entered in the given field of the main UEF screen. The actual field name will replace the #####... in the messages.

Action Enter valid data in the field specified.

E92 ERR: Error opening external file '#####'.

Explanation The system permissions prevent the opening of an external file. The actual filename will replace the #####... in the message.

Action Change the permissions on the file specified.

E94 INF: Cannot specify same value for #### ### ##.

Explanation The given descriptors do not have unique values. The actual descriptors will be replace the #####... in the message.

Action Update the export file, giving unique values to the descriptors specified.

E95 ERR: Associated record chain not complete for #####.

Explanation Indicates that the ASSOCIATED_RECORD_LAYOUT does not exist. The actual ASSOCIATED_RECORD_LAYOUT will replace the #####... in the message.

Action Ensure that all associated records can be found in the MANTIS file prior to importing.

E96 ERR: Fields specified do not match those of associated layout.

Explanation Indicates that the fields of the FILE being imported do not match those of the ASSOCIATED_RECORD_LAYOUT specified.

Action Contact Cincom Support.

E97 INF: Added #####.

Explanation Indicates that the given entity was added to the MANTIS Cluster. The actual entity will replace the #####... in the message.

Action Informational only. No action required.

E98 INF: Replaced #####.

Explanation Indicates that the given entity was replaced in the MANTIS Cluster. The actual entity will replace the #####... in the message.

Action Informational only. No action required.

- E99 INF: ##### not Imported.
- Explanation** Indicates that the given entity description was not imported. The actual entity will replace the #####... in the message.
- Action** Informational only. No action required.
- EA8 WNG: ##### not found.
- Explanation** The actual entity will replace the #####... in the message.
- Action** Informational only. No action required.
- EA9 WNG: ##### does not exist
- Explanation** The actual entity will replace the #####... in the message.
- Action** Informational only. No action required.
- EB0 WNG: ##### Does not contain any lines
- Explanation** The actual entity will replace the #####... in the message.
- Action** Informational only. No action required.
- EB1 WNG: ACCESS METHOD mapped to MISAM because of INDEXED
FILE TYPE.
- Explanation**
- Action** Informational only. No action required.
- EB2 WNG: Cannot export program which has been bound and
source removed.
- Explanation**
- Action** Informational only. No action required
- EB3 WNG: ##### not exported.
- Explanation** Indicates that the given entity description was not
exported. The actual entity will replace the #####... in the message.
- Action** Informational only. No action required

F messages – MANTIS file design facility

F03 The total key length exceeds 32 bytes.

Explanation You have exceeded the limit set by MANTIS for the key field(s) length.

Action Redefine your key fields to within the 32-byte limit.

F07 Too many files allocated.

Explanation You have exceeded the limit of files set by MANTIS.

Action The number of files you may have is limited to 999.

F09 No record elements have been defined.

Explanation You must supply record elements for the file.

Action Either specify an associated record layout or define elements for this file.

G messages – MANTIS sign-on

G01 The User or Password is invalid.

Explanation The user or password that was entered is not valid.

Action Reenter your user name and password. Check the spelling and check for any trailing blanks. If the message appears again, see your Master User.

G03 Status of the User is #.

Explanation The status must be ACTIVE to sign on to MANTIS. The actual status will replace the #####... in the message.

Action Reenter your name and password, checking the spelling. If the message appears again, see your Master User.

G04 Unable to translate default Language.

Explanation The user profile for the specified user specified a default language that is not registered in the MANTIS Languages File. The Master User is responsible for the maintenance of the MANTIS languages and language codes.

Action See your Master User.

G05 MASTER: SIGN_ON Screen Not Found.

Explanation MANTIS sign-on executes a SCREEN statement to display the MASTER: SIGN_ON screen (so a customized sign-on can be performed). When MANTIS attempted to sign-on, the MASTER: SIGN_ON screen was not found. This screen must have been deleted from the MANTIS File.

Action Consult with your Master User. If the absence of this screen cannot be accounted for, report the problem to Cincom Support.

G06

MASTER: SIGN_ON Program Not Found.

Explanation MANTIS sign-on uses an external DO to call the MASTER: SIGN_ON program (so a customized sign-on can be performed). When MANTIS attempted to sign-on, the MASTER: SIGN_ON program was not found. This program must have been deleted from the MANTIS File.

Action Consult with your Master User. If the absence of this program cannot be accounted for, report the problem to Cincom Support.

H messages – Shared entity facility

H01 The Active Shared Pool will be removed when all users sign off.

Explanation This informational message is confirmation of your action to delete the Active Shared Entity Pool.

Action No action is required.

H02 MANTIS is not mapped to a Shared Entity Pool.

Explanation You selected an option that targets the Active Shared Entity Pool, but MANTIS is not mapped to a shared memory segment and there is no Active Pool.

Action Don't select non-highlighted menu options. Unless an option is highlighted, it is not applicable in the current context.

H03 The Shared Entity Pool is not PERMANENT.

Explanation You tried to delete the Active Shared Entity Pool. The shared memory segment containing the Pool must be permanent, or this action is meaningless. MANTIS is mapped to a temporary shared memory segment, so it will automatically be removed when the last MANTIS user signs off.

Action Don't select non-highlighted menu options. Unless an option is highlighted, it is not applicable in the current context.

H04 The Shared Entity Pool is already marked for deletion.

Explanation This informational message indicates that someone has already marked the Active Shared Entity Pool for deletion.

Action No action is required.

H05 Press <#> to confirm Delete.

Explanation This informational message requests confirmation before deleting information from the MANTIS File. The actual key needed to confirm delete will replace the #####... in the message.

Action You must press the specified key to proceed with the delete. Any other key will cancel the execution of any pending deletes.

H06 Specify the new Entity List Name and press <ENTER>.

Explanation This informational message gives directions on how to complete the SAVE List function initiated by PF7. The cursor should be in the List Name field at the top of the Update Shared Entity List screen. You are asked to enter a list name under which to save the current working list.

Action Enter a unique entity list name. It is not possible to replace or overwrite a list with this option.

H07 '""#""' Already exists, enter a new List Name.

Explanation The SAVE List option does not allow an existing entity list to be overwritten. The actual filename will replace the #####... in the message.

Action You must enter a unique entity list name in the List Name field.

H08 '# ' Saved.

Explanation This informational message confirms that the SAVE function has been executed. The actual file saved will replace the #####... in the message.

Action No action is required.

H09 # List Item(s) Deleted.

Explanation This informational message confirms the number of list items deleted from the working entity list. The actual number of list items deleted will replace the #####... in the message.

Action No action is required.

H10 Press <#> to confirm incomplete Pool File Creation.

Explanation This informational message requests confirmation before continuing to write an external Shared Pool File. It is a reminder that errors were reported by the Create Shared Pool File option. The key need to confirm will replace the #####... in the message.

Action Press the specified key if you want the external Pool File created. You can avoid this message by deleting or ignoring all the error list items when the Update Shared Entity List screen is displayed as a result of the Create Shared Pool File option.

H11 Entity List (#) Not Found.

Explanation You selected List Cross Checking for the Verify Shared Entity Pool function. This directs the Facility to locate an entity list in the MANTIS File with the same name as that stored in the Shared Pool. This informational message informs you that a matching list cannot be found. The Pool entities are still verified against the MANTIS File. The filename of the Entity List(s) replace the #####... in this message.

Action No action is required.

H12 Unsaved changes exist, <CANCEL> to continue, <PF7> to SAVE changes.

Explanation This informational message requests confirmation of your CANCEL option. It indicates that modifications were made to an entity list that was generated by the Verify Shared Entity Pool option. The modifications would be pointless unless you intend to SAVE the list.

Action Enter a unique list name under which to save the generated entity list. Even if there is a corresponding entity list in the MANTIS File, you must enter a new list name for the SAVE. If you want to make changes to the entity list from which the Shared Pool was created you must do so via the main menu option to Update Shared Entity List.

H13 Shared Pool Written to <#>.

Explanation This informational message confirms that an external Shared Pool File was written. The actual filename written to will replace the #####... in the message.

Action No action is required.

H14 Shared Pool (#) Verified.

Explanation This informational message confirms that the Shared Entity Pool was verified and no errors were detected. The Update Shared Entity List screen is brought up to display the generated entity list items and the pool name, to give you an opportunity to see what was verified. The actual filename of the Shared Pool replaces the #####... in the message.

Action No action is required.

H15 Shared Entity List Verified.

Explanation This informational message confirms that the current entity list contains no items in error and will successfully build a Shared Entity Pool.

Action No action is required.

H16 Enter A (Alter), I (Insert) or D (Delete).

Explanation You entered an invalid action code in the AID field.

Action Enter one of the specified action codes.

H17 Enter S (Select), A (Alter), I (Insert) or D (Delete).

Explanation You entered an invalid action code in the SAID field.

Action Enter one of the specified codes.

H18 Attempt to Duplicate List Name is not allowed.

Explanation The list name you are attempting to create already exists in the MANTIS File. Every list name must be unique.

Action Enter a list name that does not already exist.

H19 The name of the Pool File is required.

Explanation The option to create an external Shared Pool File requires that the Pool file specification be entered, as there is no default.

Action Supply a valid external file specification in the File Name field.

H20 More than <n> List Items exceeds external edit buffer limit.

Explanation The EDIT List function is limited by a predefined maximum edit buffer size. You cannot use an external editor when the number of list items exceeds the limit specified in the message.

Action Use the AID field and the list navigation PF functions to edit the list.

H21 No (more) Entity Lists Available.

Explanation The option to Fetch Next List was selected but there are no more lists in the MANTIS File.

Action No action is required.

H22 Pool File Not Written.

Explanation This informational message reminds you that the Create Shared Pool File function was not completed. You either responded negatively to the confirmation request, or, through other actions, chose to discontinue that function. This message is also displayed if none of the list items were successfully processed, resulting in no entities being loaded from the MANTIS File, because the Facility prevents you from creating a Shared Pool with no entities.

Action No action is required.

H23 Invalid MANTIS Entity Type.

Explanation You entered an invalid MANTIS entity type in the Type field. Entity list items are encoded for storage and cannot store invalid type information. Therefore a valid type must be entered.

Action Enter a recognizable abbreviation of one of the following entity types: ACCESS, DATA, FILE, INTERFACE, PROCESS, PROMPTER, SCREEN. or ULTRA.

H24 List Names may not be blank or NULL.

Explanation You attempted to create a list without specifying a valid name. Any 1–30 character string may be entered, other than all blanks.

Action Enter 1–30 characters—not all blanks.

H25 The Status must be either Blank or IGNORE.

Explanation The Status field in the Update Shared Entity List screen has two purposes. Firstly to return error/status information from the Facility, and secondly to allow you to comment out list items with the IGNORE status, and reinstate them again by erasing, or blanking out the field. You are not allowed to enter status values that are returned by the Facility, or any value other than blanks. Erasing an error status will also have no effect on the stored list item—only the Facility can clear an error status—through List Verification or Pool File Creation.

Action Enter nothing other than blanks or a recognizable abbreviation of IGNORE in the Status field.

H26 The Libname must not be blank or NULL.

Explanation The Libname is a required field. You should enter the name of an existing MANTIS File entity. The username portion of the libname is required but may be omitted in favor of the default specified in the Username field.

Action The Facility does not require you to enter an existing or valid entity name, but you must enter something besides blanks.

H27 The Entity List (#) does not exist.

Explanation The list name you entered in the List Name field does not exist. The actual list name will replace the #####... in the message.

Action The List Name field is optional but any name you enter must exist in the MANTIS File. Use the Select Shared Entity List option or the Fetch Next List options to see what lists are available.

H28 The Entity List (#) is empty.

Explanation An entity list must have at least one item before you can verify it, or create a Shared Pool File from it. The actual Entity List name will replace the #####... in the message.

Action Use the Update Shared Entity List option to add list items.

H29 <#> Entity List(s) Deleted.

Explanation This informational message confirms the number of entity lists deleted. The actual number of Entity List deleted will replace the #####... in the message.

Action No action is required.

H30 The Global Resource Quota does not apply to VMS systems

Explanation There is no MANTIS-imposed quota on global resources used in OpenVMS systems. The number of semaphores and global sections available is only limited by the system.

Action Don't select non-highlighted menu options. Unless an option is highlighted, it is not applicable in the current context.

H31 The Global Resource Quota has been updated

Explanation This informational message is confirmation that the Global Resource Quota has been updated.

Action No action required.

I messages – Interface design facility

I01 Cannot Alter/Delete empty line.

Explanation You have entered an A (Alter) or D (Delete) action next to a blank line in the interface area layout.

Action Enter A or D on lines that contain field descriptions in the interface area layout.

I02 Action must be 'A' - Alter, 'I' - Insert, or 'D' - Delete.

Explanation You have entered an invalid action code. Valid action codes are 'A' to alter the line, 'I' to insert a line, and 'D' to delete a line.

Action Specify 'A,' 'I,' or 'D' in the first tab position of the line.

I03 More than n data elements.

Explanation You have specified too many elements for an INTERFACE area layout.

Action Reduce the number of elements. You could also combine some adjacent string field elements and let the MANTIS program and external interface program split them into separate fields.

I09 Line number must be present for Action 'A'.

Explanation You have attempted to alter an unspecified line of the interface area layout. When 'A' is specified, the line number field for the ELEMENT must also be specified.

Action Specify a line number in the second tab field under ELEMENT.

I25 Program name must be 8 characters or less in IBM mode.

Explanation You have specified a program name longer than 8 characters while MANTIS is in IBM compatibility mode.

Action Shorten the program name.

L messages – Message maintenance facility

L01 Error Updating Messages File.

Explanation An I/O error occurred when MANTIS attempted to update the ERRORS file.

Action First check for environmental causes, such as disk full, or two MANTIS processes attempting to insert the same error simultaneously. If you cannot find a satisfactory Explanation, report this problem to Cincom Support.

L02 Valid List is (#).

Explanation You have entered invalid data into a screen field. This message specifies the list of the valid input strings. The actual number of valid input strings will replace the #####... in the message.

Action The field in question should be highlighted on screen and the cursor should be positioned at the start of the field by MANTIS. Enter one of the valid values listed in the message. Erase to end of field if necessary to remove what remains of the previous invalid string.

L03 Action must be 'A'-Alter, 'I'-Insert or 'D'-Delete.

Explanation The AID field is used to specify line edit commands—'A' to alter a message description, 'I' to insert a new message code and description, and 'D' to delete a message. You must enter one of these valid commands.

Action Enter a valid line edit command or erase the incorrect entry either by spacing over it or by deleting it.

L04 <n> New Messages Copied.

Explanation This informational message reports the number of ENGLISH messages copied to the new language.

Action No action is required.

L05 <n> Messages Deleted.

Explanation This informational message reports the number of messages deleted. Only messages of the specified language are actually deleted.

Action No action is required.

L06 WARNING, All messages of the specified language will
be deleted:

Explanation This warning message accompanies the prompt to confirm the deletion of all error messages of the specified language.

Action Press the specified key to carry out the deletion. Press any other program function key to abort the request.

M messages – MANTIS program patch facility

M02 '#' NOT FOUND.

Explanation The specified MANTIS entity was not found in the MANTIS file. The actual entity will replace the #####... in the message.

Action Check the spelling of the indicated entity. Use the MANTIS Directory Facility to see if the entity exists or not. If the entity is privileged and you do not have access to the library, report this problem to Cincom Support.

M03 Invalid Patch command: #.

Explanation The patch command is not valid, or is coded incorrectly. The actual patch command will replace the #####... in the message.

Action Correct the patch command. Refer to *AD/Advantage MANTIS Administration OpenVMS/UNIX*, P39-1320, for further information on the Program Patch Facility.

M04 No Patches Applied.

Explanation After processing the patch command input file, no patches were applied. There may be errors in the patch commands, or in their application.

Action Check to see if the input patch command file contains any UPDATE statements, or any other statements.

M07 Processing stopped at line # in

Explanation An error caused the premature termination of the input patch command processing. The sequential line number and the name of the input patch command file are identified in this message. The actual line number will replace the #####... in the message.

Action Use an external editor to locate the indicated line number in the indicated file. Correct the problem with that line.

M08 '#' has no source code to patch.

Explanation The indicated MANTIS program cannot be patched because there is no source code available with it. The actual source code name will replace the #####... in the message.

Action Specify a SOURCE MANTIS FILE SPECIFICATION for the MANTIS file containing a version of the program with source code.

M10 Error binding program 'xxxxx'.

Explanation The patched program contains syntax errors, and cannot be replaced in the MANTIS file.

Action Check the error messages displayed as a result of the BIND command executed by the MANTIS Maintenance Facility. These should identify the syntax error(s). Then check the patch file source and fix the problem. If you have questions, contact Cincom Support.

M10 Error binding program '#'. .

Explanation An error occurred when trying to delete the patched MANTIS program source, leaving only the bound code version. The patched program may still be executable. The actual program name will replace the #####... in the message.

Action Report this problem to Cincom Support.

M11 Error deleting '#' program source.

Explanation A line that was neither a MANTIS program line or a valid terminating command (UPDATE) was encountered while processing patch commands to a MANTIS program. A PROGRAM command must be followed by a number of MANTIS program statements, and terminated by an UPDATE command. The actual program name will replace the #####... in the message.

Action Correct the patch command stream.

M12 Program line expected.

Explanation A line that was neither a MANTIS program line nor a valid terminating command (UPDATE) was encountered while processing patch commands to a MANTIS program. A PROGRAM command must be followed by a number of MANTIS program statements, and terminated by an UPDATE command.

Action Correct the patch command stream.

M13 Error copying '#' for edit.

Explanation MANTIS Maintenance creates a temporary profile as input to the necessary MANTIS Design Facility (so that the original profile is not destroyed if anything goes wrong). The name of the temporary entity is \$\$TEMP\$\$\$. An I/O error occurred when inserting or replacing the \$\$TEMP\$\$ entity. The actual name of the profile will replace the #####... in the message.

Action Report this problem to Cincom Support.

M14 Error updating '#'.

Explanation An I/O error occurred when replacing the patched entity. The actual entity will replace the #####... in the message.

Action Report this problem to Cincom Support.

P messages – Prompter design facility

P03 Name and Description required.

Explanation The prompter description is a required field because it doubles as the prompter heading when the PROMPT statement is executed.

Action Supply any nonblank description in addition to the prompter name.

P04 Name, Password, and Description required.

Explanation The prompter description is a required field because it doubles as the prompter heading when the PROMPT statement is executed. In IBM compatibility mode, the password is also a required field.

Action Supply any nonblank description and a password in addition to the prompter name.

P05 Next Prompter not found.

Explanation The CHAIN TO NEXT PROMPTER field specifies a prompter that does not exist.

Action Create the missing prompter, or supply an existing prompter name in the CHAIN TO NEXT PROMPTER field.

PRI '#' Printed.

Explanation This informational message indicates that a printout of the working design has been produced. If the PRINTER attributes include NOSPOOL, the directory listing can be found in the PRINTER file. The print file of the entity produced will replace the #####... in the message

Action If you cannot locate the listing, use the 'SHOW ATTRIBUTE (PRINTER)' command to see if the NOSPOOL (NOS) attribute is set. If so, use the 'SHOW PRINTER' command to find the name of the printer file to which the listing was written. Otherwise, the listing should have been sent to the default printer.

S messages – Screen design facility

S02 Map Domain must be at least 1 x 2.

Explanation You may not design a screen whose domain is less than 1 row by 2 columns.

Action Use PF12 in basic screen update mode to reset the screen domain size to greater than 1 x 2.

S05 Error in Save - Screen is inconsistent.

Explanation The screen design was not saved. Some field attributes conflict with other fields in the design, or with the screen domain size. The actual cause of the error should be displayed in the message field at the bottom of the screen.

Action Make the necessary corrections as specified in the message field at the bottom of the screen.

- ◆ Use the List Field Specifications option to examine all field attributes.
- ◆ Use the Display Completed Design option to check for overlapping.
- ◆ Use PF12 in basic screen update mode to examine the screen domain size.

This problem must be taken care of before the screen design can be saved.

S06 Screen too large - reduce number of fields.

Explanation There are too many fields defined in the screen design to fit into a screen profile. You must reduce the number of fields before you can save or replace your design.

Action Reduce the number of data fields in the design. You can also join adjacent heading fields using the screen design space character (default = |).

S07 WARNING - Box fields are not included in Repeat Range.

Explanation You have included box fields when you selected a range of fields to supply repeat specifications to. These will be excluded from this function because it is meaningless, and the boxes can be drawn manually to see the result.

Action This is only a warning, and no action is required.

S09 Error in Replace - Screen is inconsistent.

Explanation The screen design was not replaced. Some field attributes conflict with other fields in the design, or with the screen domain size. The actual cause of the error should be displayed in the message field at the bottom of the screen.

Action Make the necessary corrections as specified in the message field at the bottom of the screen.

- ◆ Use the List Field Specifications option to examine all field attributes.
- ◆ Use the Display Completed Design option to check for overlapping.
- ◆ Use PF12 in basic screen update mode to examine the screen domain size.

This problem must be taken care of before the screen design can be replaced.

S10 No Repeat fields.

Explanation No repeat field specifications can be listed because there are no repeat fields in your working screen design.

Action Informational only, no action required.

S15 and # DBCS fields have been aligned.

Explanation The ALIGN KANJI map-level attribute is set. Some DBCS fields were not aligned when you saved or replaced the screen design. This message is a warning that unaligned DBCS fields were aligned before the screen was saved. Alignment always occurs by truncating the first byte of the field. The actual fieldname(s) will replace the #####... in the message.

Action This is only a warning message. No action is required, but you need to change your design to get the required alignment of fields.

S16 and # DBCS fields were not aligned.

Explanation The ALIGN KANJI map-level attribute is set. Some DBCS fields were not aligned to odd columns in your design, and MANTIS failed to force alignment as required. Alignment will not occur when the resulting field length would be zero. The actual fieldname(s) will replace the #####... in the message.

Action This is only a warning, and no action is required. However, the screen design is not valid for MANTIS for the IBM mainframe. To correct the problem, modify your screen design to align DBCS fields on odd columns.

S17 and # DBCS fields cannot be made even.

Explanation There are 'n' DBCS data fields in the screen design with odd lengths. DBCS fields must have an even number of bytes. MANTIS attempts to alter the field length, but cannot do so for these 'n' cases (due to field overlapping problems). The actual fieldname(s) will replace the #####... in the message.

Action Use the List Field Specifications option to quickly locate the DBCS fields with odd lengths. Correct the screen design using the Create Or Update A Screen Option.

S18 No fields defined for Screen.

Explanation Your current screen design does not contain any fields. No field information can be listed.

Action Informational only, no action required.

S19 Use <RETURN> to Page, <CANCEL> to Exit.

Explanation This informational message informs the user to press RETURN to page through the list of field information.

Action Informational only, no action required.

S20 Selected DBCS field cannot be made even length.

Explanation A DBCS screen field must be even in length. MANTIS tries to adjust the length to be even; but in this case it cannot because the result would be overlapping fields.

Action Change the position of the DBCS field in the design, and make the field length even.

S21 Selected DBCS field was aligned.

Explanation The ALIGN KANJI map-level attribute is set. The selected field was not aligned on an odd column, and MANTIS has forced it into alignment by erasing the first byte of the field.

Action This is only a warning message. No action is required, but you will need to change your design to get the desired alignment of fields.

S22 Unable to align selected DBCS field.

Explanation The ALIGN KANJI map-level attribute is set. The selected field was not aligned to an odd column in your design, and MANTIS failed to force alignment as required. Alignment will fail when the resulting field length is zero.

Action This is only a warning, and no action is required. However, the screen design is not valid with MANTIS for the IBM mainframe. To correct the problem, modify your screen design to align DBCS fields on odd columns.

S23 Some DBCS fields cannot be made even length.

Explanation A DBCS screen field must be even in length. MANTIS tries to adjust the length to be even; but in this case, it failed because the result would be overlapping fields.

Action Change the position of the DBCS fields in the design, and make the field lengths even.

S24 Some DBCS fields have been aligned.

Explanation The ALIGN KANJI map-level attribute is set. Some fields were not aligned on an odd column, and MANTIS has forced them into alignment by erasing the first byte of the field.

Action This is only a warning message. No action is required, but you will need to change your design to get the desired alignment of fields.

S25 WARNING - not all DBCS fields have been aligned.

Explanation The ALIGN KANJI map-level attribute is set. Some DBCS fields were not aligned to an odd column in your design, and MANTIS failed to force alignment as required. Alignment will fail when the resulting field length is zero.

Action This is only a warning, and no action is required. However, the screen design is not valid with MANTIS for the IBM mainframe. To correct the problem, modify your screen design to align DBCS fields on odd columns.

S26 All fields have been defined.

Explanation You have selected field update by NEXT UNDEFINED FIELD, but all data fields in the design have already been defined.

Action Select the field(s) you want to update either by name or by cursor positioning.

S27 Screen does not contain any Box fields.

Explanation You cannot Set Common Attributes For All Box Fields because your current screen design does not contain any box fields.

Action Informational only, no action required.

S28 Screen does not contain any Heading fields.

Explanation You cannot Set Common Attributes For All Headings because your current screen design does not contain any headings.

Action Informational only, no action required.

S29 Screen does not contain any Data fields.

Explanation You cannot Set Common Attributes For All Data Fields because your current screen design does not contain any data fields.

Action Informational only, no action required.

S30 No such field defined.

Explanation The name of the selected field is not defined in the screen design.

Action Specify which field you want to update by positioning the cursor at that field.

S31 Use <CANCEL> to Exit.

Explanation You have listed the last (or only) page of field information.

Action Informational only. You may use CANCEL to exit from the listing.

S32 Different Repeat Specifications within Range.

Explanation You have selected a range of fields for repeat specifications update, and this set of fields already has conflicting repeat specifications. This is a warning that all fields in the selected range will get the same repeat specifications you specify.

Action This is only a warning, and no action is required.

S33 Conflicting Repeat Specifications.

Explanation The horizontal and/or vertical repeat specifications are not properly specified. You have supplied a repeat specification or a displacement, but not both. Enter nonzero values for both the number of repeats and the displacement.

Action The VERTICAL REPEATS/DISP and HORIZONTAL REPEATS/DISP fields each consist of two fields. Enter the number of repeats in the first field and the number of displacement(s) in the second field.

S34 WARNING, IBM Screens need Field Separators, Screen will not migrate.

Explanation MANTIS is running in IBM compatibility mode. Screens must be designed with field separators for MANTIS for the IBM mainframe. The screen design will not migrate properly to MANTIS for the IBM mainframe if field separators are not used.

Action Return FIELD SEPARATORS to its default value (Y in IBM compatibility mode) if you intend to migrate this screen to MANTIS for the IBM mainframe.

S36 WARNING, Some field attributes are not IBM compatible.

Explanation This warning message indicates that one or more screen and/or field attributes are not compatible with MANTIS for the IBM mainframe and MANTIS is currently running in IBM compatibility mode.

Action Press the specified key again to confirm the function, but be warned that the screen design will not migrate properly to MANTIS for the IBM mainframe. Otherwise, press any other program function key to abort the function.

S38 No fields with Extended Edit Validation information.

Explanation This informational message appears in the Validation Details of the PRINTER output when you select the Print Completed Design option and the current design does not have any fields with extended edit validation information.

Action Informational only, no action required.

S39 WARNING, the ### attribute is not IBM compatible.

Explanation This warning message indicates that the attribute just selected is not compatible with MANTIS for the IBM mainframe and MANTIS is currently running in IBM compatibility mode. The actual attribute will replace the ####... in the message.

Action Correct the attribute setting now or face another IBM compatibility warning when you try to SAVE or REPLACE the screen design.

S40 Invalid value, enter Y or N.

Explanation The attribute is set ON by entering Y (Yes) and OFF by entering N (No). No other value is acceptable for the field.

Action Enter either Y or N.

T messages – Transfer facility

T01 0 Data records Copied.

Explanation This informational message indicates that no data records were copied.

Action Check if the file contains any records. If record data is present, check that the selection key you entered is correct.

T02 0 Entities Copied to Bin.

Explanation This informational message indicates that no profile records were copied from library to bin. Either there were no entities to copy or you failed to confirm any copy actions from the directory, or none of the ones you confirmed were successfully copied.

Action You may need to investigate why copy operations are failing from the Transfer directory screen. Make sure that the correct Add/Replace action code is entered adjacent to each entity.

T03 0 Entities Copied to Library.

Explanation This informational message indicates that no profile records were copied from bin to library. Either there were no entities to copy or you failed to confirm any copy actions from the directory, or none of the ones you confirmed were successfully copied.

Action You may need to investigate why copy operations are failing from the Transfer directory screen. Make sure that the correct Add/Replace action code is entered adjacent to each entity.

T04 0 Records Deleted.

Explanation This informational message indicates that no data records or profile records were deleted from the bin. Either there were no records in the bin to delete, or your selection key(s) are inadequate.

Action When operating from a directory screen, you must enter the Delete action code (D) adjacent to each profile you want to delete from the bin.

T05 1 Data record Copied.

Explanation This informational message indicates that only one data record was copied.

Action No action is required.

T06	1 Entity Copied to Bin. Explanation This informational message indicates that only one profile record was copied from library to bin. Action No action is required
T07	1 Entity Copied to Library. Explanation This informational message indicates that only one profile record was copied from bin to library. Action No action is required.
T08	1 Record Deleted. Explanation This informational message indicates that only one data record or profile record was deleted from the bin. Action No action is required.
T09	ADDED. Explanation This informational message indicates that only one data record or profile record was added from the bin. Action No action is required.
T10	All Bins Deleted. Explanation This informational message confirms that all bins have been deleted from the Transfer File. Action No action is required.
T11	Bin Already Exists. Explanation You have specified the name of a bin that already exists. Action Examine the directory and choose a different name for the bin you are creating.
T12	Bin Deleted. Explanation This informational message confirms that the selected bin has been deleted from the Transfer File Action No action is required.

T13 CANNOT ADD.

Explanation This informational message indicates that no data record or profile record can be added from the bin

Action No action is required.

T14 Delete Cancelled.

Explanation This informational message confirms your decision not to delete a bin. You did not press the required PF key sequence when prompted to do so.

T15 DELETED.

Explanation This informational message indicates that only one data record or profile record was deleted from the bin.

Action No action is required.

T16 Ending name not allowed with generic name.

Explanation You have attempted to use an ending name with a generic search.

Action Either use the Range option by specifying Starting and Ending Name or supply a Generic Name (Pattern) in Starting Name and leave Ending Name blank.

T17 Enter new password and press <ENTER>.

Explanation This informational message prompts you to enter the new password for a bin. The cursor is positioned in the password field.

Action Enter the new password for the bin and press the ENTER PF key.

T18 Error accessing Transfer File.

Explanation The transfer file is not available.

Action Check with your Master User.

T19	Error accessing user library. Explanation This error should never happen. Action Please report this problem to Cincom Support.
T21	File not found - #. Explanation The file containing the records to be copied could not be found in the library or bin. The actual filename will replace the #####... in the message. Action Check the spelling of the specified file.
T22	File profile not in Bin. Explanation The file profile must be transferred to the bin before records can be copied into it. Action Use the File Profile option from the Copy From Library To Bin menu to copy the profile; then try again.
T23	File profile not in Library - #. Explanation The file profile must be transferred to the library before records can be copied to it. The actual file profile will replace the #####... in the message. Action Use the File Profile option from the Copy From Bin to Library menu to copy the profile; then try again.
T25	Incorrect password. Explanation The password entered does not match the password for the specified bin. Action Check the bin name for accuracy and retype the password.
T26	Invalid Bin name. Explanation You have specified an invalid bin name. Action Specify a different bin name.

T27 Key lengths are different between files.

Explanation The key lengths of the file whose records you are transferring are defined differently in the bin and library file profiles. This implies that the file profile in the library has been modified since the file profile in the bin was created, and that this transfer of data is invalid.

Action Check that the file profile in the bin accurately describes the file data being transferred. You must ensure that the file profiles in the bin and library describe the same file layout before attempting to transfer data between them.

T28 Key types are different between files.

Explanation The data type of the key element(s) in the file layout is defined differently in the bin and library file profiles. This implies that the file profile in the library has been modified since the file profile in the bin was created, and that this transfer of data is invalid.

Action Check that the file profile in the bin accurately describes the file data you want to transfer. You must ensure that the file profiles in the bin and library describe the same file layout before attempting to transfer data between them.

T29 Maximum number of Bins exceeded.

Explanation The request to create a bin failed because more than 360 bins exist in the same transfer file.

Action Be sure no inactive bins have been left in the transfer file.

T30 Maximum number of Sets exceeded.

Explanation The total number of bins and user files in the transfer file exceeds 999; or a file profile cannot be copied to a user's library when the maximum number of user files in his library has been reached.

Action Delete inactive bins or file profiles.

T32 No names may be specified with 'ALL' option.

Explanation When selecting ALL entities for transfer, you cannot specify any values for STARTING NAME and ENDING NAME.

Action Leave STARTING NAME and ENDING NAME blank if you want to select ALL entities for transfer.

- T33 Password changed.
- Explanation** This informational message confirms that the bin password has been changed.
- Action** No action is required.
- T34 Password not changed.
- Explanation** You selected the CHANGE PASSWORD option, but failed to confirm this action by entering the new password then pressing ENTER.
- Action** This message is only a warning that the password was not changed. Press ENTER after entering the new password.
- T35 Permission Denied.
- Explanation** This message appears when you select entities that have been restricted. These entities are restricted because a privileged MANTIS user originally copied them to a bin.
- Action** Check the owner/creator of the bin/entity. If that user is privileged you cannot have any access.
- T36 Press <ENTER> to confirm Delete.
- Explanation** This message requests confirmation before deleting the specified bin from the Transfer File.
- Action** Press the ENTER PF key to delete the specified bin, or press any other PF key to cancel the delete request.
- T37 Press <ENTER> to confirm Deletion of all Bins.
- Explanation** This message requests confirmation before deleting all bins from the Transfer File.
- Action** Press the ENTER PF key to delete all bins, or press any other PF key to cancel the delete request.
- T38 Press <PF12> to confirm Delete.
- Explanation** This message requests confirmation before deleting the specified bin from the Transfer File.
- Action** Press the PF12 key to delete the specified bin, or press any other PF key to cancel the delete request.

T39 Press <Pfl3> to confirm Deletion of all Bins.

Explanation This message requests confirmation before deleting all bins from the Transfer File.

Action Press the PF13 key to delete all bins, or press any other PF key to cancel the delete request.

T40 Record not found.

Explanation The specified record could not be located in the file.

Action Be sure the name or key has been entered correctly and that the proper entity type has been selected.

T41 REPLACED.

Explanation The specified record was replaced.

Action No action is required.

T42 Specify record key(s).

Explanation When transferring user file data, you must specify the range of keys to be transferred, or a generic key pattern in the STARTING KEY field.

Action Supply a STARTING KEY and optionally an ENDING KEY (for range selection only).

T43 Specify starting name in range.

Explanation You have specified an ending name or key without a starting name.

Action When an ending name or key is supplied, a starting name or key must also be supplied.

T44 Transfer area is full.

Explanation There are too many user file profiles in the Transfer File. A limit of 999 file profiles (in total) is supported.

Action Delete unwanted bins and/or file profiles from the Transfer File; otherwise you must use a new Transfer File. A clean Transfer File can be obtained from the product release tape.

- T45 Transfer Facility must be locked first.
- Explanation** You must lock the Transfer File before you can delete all bins, since deleting entities may interfere with concurrent users of this facility.
- Action** Use the Lock/Unlock Transfer Facility option to lock the Transfer File, then retry the Delete All Bins option.
- T46 Transfer is not yet available to you - see MASTER user.
- Explanation** The Master User has locked the Transfer Facility. You cannot use this facility until it is unlocked.
- Action** See your Master User about unlocking the Transfer File, or use your own private copy of the Transfer File. A clean Transfer File template is supplied with the MANTIS release.
- T47 Unable to create Bin directory.
- Explanation** An error occurred in creating a new bin. A file profile template could not be read from the MANTIS file.
- Action** Report this problem to Cincom Support.
- T48 Unable to create Scenario file.
- Explanation** This is an internal error condition. Transfer has to create a Scenario FILE in the Transfer File during bin creation. The Scenario FILE is used to store all scenarios in the bin.
- Action** Please report this condition to Cincom Support. The Transfer File may be corrupt. If your Transfer File is of no consequence (i.e., serves only as a temporary file), you should be able to clear this condition by recreating a clean Transfer File. To do this, copy the CLEAN Transfer File from the MANTIS release set to the target file, MANTIS_TRANSFER. The clean Transfer File is identified by a file suffix of ".Xnn," where 'nn' is the major MANTIS release level.
- T49 Unknown Bin.
- Explanation** A bin does not exist with the specified name.
- Action** Use the bin directory to determine the correct name.

T50 User not found.

Explanation The user specified in the User ID field is not defined in the MANTIS library.

Action Check the spelling.

T51 Bin Created.

Explanation This informational message indicates that the specified bin has been created in the Transfer File.

Action No action is required.

T52 x Records Deleted.

Explanation This informational message reports the number of profile records or data records deleted from the bin.

Action No action is required.

T53 x Entities Copied to Library.

Explanation This informational message reports the number of profile records copied from bin to library.

Action No action is required.

T54 x Data Records Copied.

Explanation This informational message reports the number of data records copied.

Action No action is required.

T55 x Entities Copied to Bin.

Explanation This informational message reports the number of profile records copied from library to bin.

Action No action is required.

T56 All records must be selected for DBCS Keys.

Explanation Support for nontext keys in the Transfer Facility is restricted. User file data cannot be partially selected. The only valid selection is “*” where you must select all data.

Action Specify “*” as your selection.

T60 'xxxxxx' is not a recognized language.

Explanation The LANGUAGE you specified is not found in the MANTIS Languages File. You must specify a valid language.

Action See your Master User.

T61 'xxxxxx' is not a recognized device.

Explanation You have entered an invalid DEVICE (screen size). Valid screen sizes are: 24X80, 24X132, 27X132, 32X80 and 43X80.

Action Specify a valid screen size.

T62 The Transfer File must be a # Transfer File.

Explanation The MANTIS Transfer File contains a record identifying what release of MANTIS it is associated with. If there is any difference between the version of the MANTIS File, and the Transfer File, then this error will result, and you will be prevented from using the Transfer Facility.

Action Check that MANTIS_FILE and MANTIS_TRANSFER apply to the same release of MANTIS.

T63 New name must be <= 16 characters for this Entity.

Explanation Entity names are restricted to 16 characters or less in some MANTIS facilities. Only Screen Design and Program Design allow up to 30 characters in the entity name.

Action Choose a name of no more than 16 characters.

U messages – User profile facility

U01 This Facility is available only for the MASTER user.

Explanation Only the Master User is authorized to use the User Profile Design Facility.

Action Get your Master User to perform the necessary function.

U02 No user names starting with 'CONTROL' or 'MASTER'.

Explanation Since CONTROL and MASTER are special MANTIS user names; they may not be used as the first characters of any other MANTIS user names.

Action Do not use 'MASTER' or 'CONTROL' as the first characters of any other MANTIS user name.

U03 The '#' user is protected.

Explanation The user profile you specified belongs to a privileged user, and you are not permitted access. The actual user profile will replace the #####... in the message.

Action No action can be taken, since you cannot access privileged user profiles.

U04 The user is not recognized.

Explanation The specified user name is not recognized. It is not in the MANTIS User's file.

Action Use the Directory option to obtain a list of recognized names, and specify a recognized name.

U05 User Profile Created.

Explanation This informational message confirms that a user profile has been created.

Action None. Information only.

U06 User Profile Updated.

Explanation This informational message confirms that a user profile has been successfully updated.

Action None. Information only.

- U07 Update Failure.
- Explanation** An I/O error occurred when updating the user profile.
- Action** Report this problem to Cincom Support.
- U08 Update of standard profiles failed.
- Explanation** Internal MANTIS files are updated every time you update a user profile. These profiles describe the various user libraries (screens, programs, etc.). An I/O error occurred when updating these internal profiles.
- Action** Report this problem to Cincom Support.
- U09 Failed to obtain standard profile.
- Explanation** Internal MANTIS files are created or updated every time you create or update a user profile. These profiles describe the various user libraries (screens, programs, etc.). An I/O error occurred when obtaining the templates for these internal profiles.
- Action** Report this problem to Cincom Support.
- U10 User Already Exists.
- Explanation** The specified user already exists in the MANTIS file, and you cannot create a new user profile with that name.
- Action** Use the Update User Profile option to change an existing user profile.
- U11 Too Many Users.
- Explanation** The limit of internal MANTIS File user codes has been exceeded. There is probably a more serious problem causing this error, since the number of MANTIS users is limited to 65535.
- Action** Report this problem to Cincom Support.
- U12 Insert of new profile failed.
- Explanation** An I/O error occurred when you tried to insert the new user profile.
- Action** Report this problem to Cincom Support.

- U13 Insertion of standard profiles failed.
- Explanation** Internal MANTIS files are created every time you create a user profile. These profiles describe the various user libraries (screens, programs, etc.). An I/O error occurred when inserting these internal profiles.
- Action** Report this problem to Cincom Support.
- U15 Failed to insert FREE_FILES record.
- Explanation** An I/O error occurred while creating an internal file (for keeping track of the user's internal MANTIS File codes).
- Action** Report this problem to Cincom Support.
- U16 Use <KILL> to terminate DELETE; else.
- Explanation** When you delete a MANTIS user, all the user's design entities are deleted. This message is a double check that you really want to proceed with the DELETE. The internal MANTIS user code will be revealed in the following message. Take note of it before you go ahead with the delete.
- Action** The only way to stop the DELETE now is to enter the KILL program function to terminate the User Profile Design Facility. Enter GOLD/K, or tab to the reply field and type KILL then press RETURN.
- U17 Press <RETURN> to delete user '#'.
- Explanation** This informational message accompanies the DELETE user confirmation message (U16). It reveals the internal MANTIS user code as further evidence of the identity of the user you are about to delete from the MANTIS file. Take note of the user code and make sure that it is the correct one. The actual username will replace the #####... in the message.
- Action** To proceed with the delete press any program function other than KILL.

U18 Deleting Set: '#'.

Explanation This informational message is displayed during the DELETE user function as each set of design entities is deleted. If there are some entities that you do not want to delete, you can abort the procedure by pressing CTRL-C, because the user profile is the last thing to be deleted. The actual user set will replace the #####... in the message.

Action None. Information only.

U19 Deleting User: xxxx.

Explanation This informational message confirms the user profile is being deleted. All traces of the user have now been deleted from the MANTIS file.

Action None. Information only.

U20 Unable to delete user: '#'.

Explanation An I/O error occurred when deleting the indicated user profile. The actual user profile will replace the #####... in the message.

Action Report this problem to Cincom Support.

U21 User Profile and Library will be deleted.

Explanation Indicates that MANTIS is about to delete a user profile and all the design entities owned by that user. You must confirm the delete function before MANTIS deletes the user from the MANTIS file.

Action Press the specified key to confirm the delete. To abort the delete, press any other program function key.

V messages – Ultra file design facility

V01 Too many elements in Ultra File View.

Explanation You have specified too many elements for an ULTRA file view.

Action Reduce the number of elements. The maximum is 192.

V02 Ultra element '#' specified more than once.

Explanation An element of an Ultra data set can only be specified once in an Ultra File View. The actual element will replace the #####... in the message.

Action Delete the extra reference to the Ultra Element.

V04 Ultra Sign-On failed.

Explanation MANTIS cannot sign on to the Supra PDM. The PDM status code is appended to this message.

Action Consult the Supra PDM messages manual to find the cause of the error.

V10 Database description cannot be accessed.

Explanation MANTIS failed to sign on to the specified DATABASE DESCRIPTION NAME. The SUPRA database description module (DBMOD) must already be compiled before you can design ULTRA file views for it.

Action Check that the specified DATABASE DESCRIPTION NAME is a defined logical name that identifies the DBMOD.

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Action Your terminal can be enabled to receive PDM error messages by the DCL command REPLY/ENABLE. You need OPER privileges for this DCL command. The PDM error messages might accurately specify the cause of the problem.

- V11 SUPRA PDM is not installed on this system.
- Explanation** The SUPRA Physical Data Manager (PDM) is not installed and running in the system. The PDM process needs to be running and ready to receive database requests from client processes.
- Action** Check for the presence of a PDM process in the system. If one is present there may be a problem with it. It may be necessary to shut it down and restart it. If there is no PDM process in the system, you should execute the required procedure to start the PDM.
- V12 Ultra File does not exist in Database Description.
- Explanation** The file name specified for the ULTRA file view does not exist in the specified database description.
- Action** Check the spelling of the file name in error.
- V15 Linkage Path Name is invalid or has different Record Code.
- Explanation** The linkage path must be specified in the database description for this file and record code.
- Action** Specify the linkage path MANTIS will use to retrieve, update, delete, and insert records in your related file.
- V16 Reference field must be entered.
- Explanation** A reference field name is required for related files.
- Action** Supply a reference field name.
- V17 Ultra element '#' does not exist.
- Explanation** The specified Ultra element is not defined for the current Ultra file. The actual element will replace the #####... in the message.
- Action** Specify an element that exists in the given Ultra file.
- V18 Element '#' does not belong to Record Code.
- Explanation** The element in the ULTRA file view (#) does not exist in the database description for the file and record code. The actual element name will replace the #####... in the message.
- Action** Check the spelling of the invalid element.

V22 FORMAT must be Text, Packed, Zoned, Binary, Float, or Kanji/Dbscs.

Explanation MANTIS only supports the following SUPRA/PDM data formats: (T)ext, (P)acked, (Z)oned, (B)inary, (F)loat, (K)anji, or (D)bcs. KANJI and DBCS are synonyms in MANTIS facilities and you may notice the facilities changing DBCS to KANJI.

Action Modify the FORMAT to specify one of the correct external data formats. You only need to specify the first letter.

V23 Length not divisible by Dimension.

Explanation MANTIS will dimension a single element in the ULTRA file view into an array. In order to do this, you must specify the length of the element as evenly divisible by the number of array elements (dimensions) requested.

Action Specify an evenly divisible length.

V24 Element length must be even for DBCS.

Explanation All DBCS data fields must have an even length, because each DBCS character is composed of two bytes.

Action Enter an even length for the DBCS field.

V29 No data elements supplied for this file.

Explanation You have not specified any data elements for this ULTRA file view.

Action When you define the view, you must specify the contents.

V30 Key length inconsistent with file definition.

Explanation The sum of the lengths of all elements in the ULTRA file view definition with an attribute of KEY does not match the length of this file's key in the database description.

Action Modify the element attributes.

V31 SUPRA RDM support is not an installed option.

Explanation SUPRA relational database products are not available for the host platform.

Action You cannot use any facilities related to Cincom's SUPRA product range.

W messages – MANTIS search facility

W00 Password violation or invalid usage.

Explanation The user or password that was entered is not valid.

Action Reenter the user name and password. Check the spelling and check for any trailing blanks. If the message appears again, see your Master User.

W01 Invalid entity type.

Explanation The entity type you entered is invalid.

Action Reenter the correct entity type.

W02 Invalid entity name.

Explanation The entity you entered does not exist.

Action Reenter the correct entity name for that entity type.

W03 Invalid username.

Explanation The username entry is blank.

Action Enter a username.

W04 Search completed: #### Entity(s) processed - ####
Lines(s) found.

Explanation Indicates how many entities were processed and how many 'hits' were found. The actual entities processed and lines found will replace the ####... in the message.

Action Informational, no action required.

W05 Search Comments option must be 'Y' or 'N'.

Explanation You entered something other than 'Y' or 'N' in the Search Comments field.

Action Enter a 'Y' or 'N' in the Search Comments Field.

- W06 Search Description must be 'Y' or 'N'.
- Explanation** You entered something other than 'Y' or 'N' in the Search Description field.
- Action** Enter a 'Y' or 'N' in the Search Description Field.
- W07 Only Master User can specify '*' to search all users.
- Explanation** You attempted to search all users while not signed-on as MASTER.
- Action** Sign on as MASTER or see your Master User.
- W08 Search completed: ##### Entity(s) processed - ##### Lines(s) found.
- Explanation** Indicates how many entities were processed and how many 'hits' were found.
- Action** Informational, no action required.
- W09 Invalid search string(s), you must specify a value.
- Explanation** Request for one or more search strings.
- Action** Enter one or more search strings.
- W10 Search Facility Cancelled.
- Explanation** You pressed the CANCEL key while viewing the search output.
- Action** Informational, no action required.
- W11 Command Line is invalid.
- Explanation** Invalid line command entered.
- Action** Reenter the valid line command.
- W12 Search Facility criteria name empty.
- Explanation** Request for the name you want to save the search criteria as.
- Action** Enter a search criteria name to save the search.

W13 Search Criteria '#' saved.

Explanation Indicates the search criteria were updated. The actual search criteria will replace the #####... in the message.

Action Informational, no action required.

W14 Search criteria '#' saved.

Explanation Indicates the search criteria were saved. The actual search criteria will replace the #####... in the message.

Action Informational, no action required.

W15 Search criteria '#' loaded.

Explanation Indicates the search criteria were loaded. The actual search criteria will replace the #####... in the message.

Action Informational, no action required.

W16 Search criteria not found.

Explanation There are no saved search criteria to load.

Action Informational, no action required.

W18 'S' elect Search and Press ENTER.

Explanation Indicates to place an 'S' in the left column to load the search criteria.

Action Place an 'S' in the column to the left of the search criteria name and press the ENTER key.

W19 'S'elect Search and Press ENTER.

Explanation Indicates to place a 'D' in the left column to delete a saved search from **the list**.

Action Place a 'D' in the column to the left of the search criteria name(s) and press the ENTER key.

W20 '#'

Explanation Indicates that the search criteria were found in the Description Field for that entity type. The actual search criteria will replace the #####... in the message.

Action Informational, no action required.

W21 Program '# ' Item(s) found.

Explanation Indicates the User-Program-name that the search items were found in. The actual User-Program name will replace the #####... in the message.

Action Informational, no action required.

W22 Screen '# ' Item(s) found.

Explanation Indicates the User-Screen-name that the search items were found in. The actual User Screen-name will replace the #####... in the message.

Action Informational, no action required.

W23 External File '# ' Item(s)found.

Explanation Indicates the User-External File View-name that the search items were found in. The actual User-External File View name will replace the #####... in the message.

Action Informational, no action required.

W24 Internal File '# ' Item(s)found.

Explanation Indicates the User-Internal File View-name that the search items were found in. The actual User-Internal File View name will replace the #####... in the message.

Action Informational, no action required.

W25 Interface '# ' Item(s)found.

Explanation Indicates the User-Interface View-name that the search items were found in. The actual User-Interface View name will replace the #####... in the message.

Action Informational, no action required.

W27 Ultra File View'#' Item(s)found.

Explanation Indicates the User: Ultra File View-name that the search items were found in. The actual Ultra File View-name will replace the #####... in the message.

Action Informational, no action required.

W28 Prompter '#' Item(s)found.

Explanation Indicates the User-Prompter-name that the search items were found in. The actual User Prompter-name will replace the #####... in the message.

Action Informational, no action required.

W31 Search found # match (es) in '#'.

Explanation Indicates the number of matches found in the User:entity type. The number of matches and the entity type will replace the #####... in the message.

Action Informational, no action required.

W32 Case Sensitive option must be 'Y' or 'N'.

Explanation You entered something other than 'Y' or 'N' in the Case Sensitive field.

Action Enter a 'Y' or 'N' in the Case Sensitive field.

W33 Searching # entities in #, please wait.

Explanation Indicates the "entity type" in the "User: entity-name" that the search is currently processing. The entity type and entity-name being processed will replace the #####... in the message.

Action Informational, no action required.

W34 Print Results option must be 'Y' or 'N'.

Explanation You entered something other than 'Y' or 'N' in the Print Results field.

Action Enter a 'Y' or 'N' in the Print Results field.

WC0

The 'Control' user is protected.

Explanation The 'CONTROL' user is a protected user and may not be searched by the end user.

Action Reenter a correct username.

4

AD/Advantage messages

?*=: Invalid Operator, only = * ? /

Explanation You used an operator that is not valid for the domain you are defining.

Action Enter a =, *, ?, or / for the operator.

B messages

BUF: Please insert the Header Record first

Explanation While running a mixed transaction, you tried to insert a record for the secondary file, which has no corresponding record in the primary file.

Action Insert the record for the primary file first and then the records for the secondary file

BYE: Do you really want to quit?

Explanation You have indicated that you want to exit AD/Advantage.

Action Select Yes to exit AD/Advantage or No to remain in AD/Advantage.

C messages

C01: This Field is required

Explanation AD/Advantage requires you to make an entry in the specified field.

Action Make a valid entry in the field. If the Extended Help key is available for this field, press it for valid field values.

C02: Key in complete length

Explanation This field requires that you fill in the complete length.

Action Key in the complete length of the field.

C03: Wrong value on position #, the format is: #

Explanation You have entered the wrong value in the specified position.

Action Correct the value in the specified position according to the format displayed in the message.

C04: Invalid, press # for more Information

Explanation The information you entered is invalid.

Action Press the key specified in the message for information about valid values.

C05: Input must be between #

Explanation The input must be between the low and high range specified in the message.

Action Enter a value in the range specified in the message.

CGE: Generation canceled

Explanation You have either pressed the Cancel key to stop generation, or the generator was not able to create the screen specified in the program's transaction definition.

Action If you did not press the Cancel key, Entity Transformers completes this message with another one.

CHA: You cannot enter an Entity beginning with #

Explanation You began a transaction ID, domain name, domain help ID, or transaction help ID with the hash (#) character. In AD/Advantage, the hash (#) character is reserved for system entities only.

Action Use a different character than a hash (#) to begin the ID or name of the entity.

CIN: Invalid command

Explanation Using #PFK, you assigned a command for a function key that is not valid.

Action See the bottom of the #PFK screen for a list of valid commands that you can assign.

CL1: TransActions available to you

Explanation You have pressed the Extended Help key while on the command line and AD/Advantage displays all transactions available for your ID.

Action Select a transaction you want to access by typing an S in the Selection field (to the left of the transaction name) and press ENTER or press the Exit key to go back to the previous screen.

CNF: Please confirm Delete Operation

Explanation You pressed the Delete function key and AD/Advantage prompts you to verify that you want to delete the record.

Action If you want to continue the delete, select Yes by pressing the Tab key and then pressing ENTER. If you do not want to delete, select No by pressing ENTER.

CNU: Command not unique, please select a new one.

Explanation AD/Advantage displays a window for you to select a new command because the one you entered on the command line is not unique.

Action Select a command you want to use or press the Exit key to go back to the previous screen.

D messages

D01: This is a field in the format # and its Length is #.

Explanation You have pressed the Extended Help key with your cursor on a field that has a domain definition defined with the #DDEF transaction.

Action Enter the correct format and length according to the message.

D02: It is a required field.

Explanation The field specified is required but you have not entered a value.

Action Enter a valid value in the field specified. You can press the Help key for a valid description of the field or press the Extended Help key for a list of valid values (not all fields have extended help).

D03: The complete length must be filled in.

Explanation You made a partial entry in a field that must have a value in every position.

Action Ensure that you make an entry that fills up the complete length of the field.

D04: The minimum value is #.

Explanation You made an entry in a field that is lower than the minimum value allowed.

Action Enter a value that is equal to or greater than the value displayed in the message.

D05: # is the maximum value.

Explanation You made an entry in a field that is higher than the maximum value allowed.

Action Enter a value that is equal to or less than the value displayed in the message.

D06: The Field is Case-Sensitive.

Explanation Some or all of your field entry was in the wrong case.

Action Press the Extended Help key to show the format of the field.

DAT: Invalid Date, correct Format is #

Explanation You entered a date in a format that AD/Advantage does not recognize.

Action Enter the date in the format specified in the message.

DEF: Updated. Changes are active at next Sign On

Explanation You changed system parameter(s) while in #PARM, #DEF, or #PFK. AD/Advantage requires that you sign on again after making changes to these three transactions.

Action Sign on again to make the changes effective.

DIS: Program is disabled

Explanation You cannot use this program because it was disabled in the program's transaction definition.

Action If you have the authority, use #TRN to enable the transaction again or see your system administrator.

E messages

EDN: Entity must have different Name

Explanation When transforming an entity, the target name must be different from the source name when the Target Type and the Source Type are the same.

Action Change the name of the target entity.

EXT: Specified External File does not exist

Explanation The external file you specified in your Prototype transaction does not exist.

Action Specify a valid external file in the Primary File field of the prototype definition.

F messages

FTI: File Type must be specified first

Explanation While defining a transaction using #TRN, you pressed the Extended Help key on the File Name field but did not specify a file type in the File Type field. You must specify a file type so that the system knows which files to display when you press the Extended Help key in the File Name field.

Action Enter the file type in the File Type field then press the Extended Help key on the File Name field.

G messages

G01: TransAction to be generated, does not exist

Explanation While in #GENIND or in #GENSQL, you entered a transaction name that does not exist in the Trans-ID to be generated field.

Action Ensure that you have entered the correct transaction name in the field or use the #TRNL transaction to find the correct name of the transaction you want to generate.

G02: Filename is missing in transAction definition

Explanation You are generating a program from a transaction definition, but you did not specify a primary or secondary file name in the transaction definition.

Action Update the program's transaction definition with the appropriate primary or secondary file in the Primary File or Secondary File field under the Generate Options.

G03: Screenname is missing in transAction definition

Explanation You tried to generate a program but you did not define a screen in the program's transaction definition.

Action Enter a screen name in the program's transaction definition.

G04: The screen must exist in the current users library

Explanation While generating a program, AD/Advantage did not find the specified screen name in the current user's library.

Action In the program's transaction definition, enter a screen name that is in the current user's library.

G05: The View must exist in the current users library

Explanation While generating a program, AD/Advantage did not find the specified view in the current user's library.

Action In the program's transaction definition, specify a view name that exists in the current user's library.

- G06: Number of Records not correctly specified
- Explanation** While generating a program, AD/Advantage encountered zero as the number of records for the primary or secondary file.
- Action** In the program's transaction definition, specify the records onscreen for the primary file and/or secondary file.
- G07: Screen does not exist in this users library
- Explanation** While generating a program, AD/Advantage could not find the specified screen in the current user's library.
- Action** In the program's transaction definition, enter a screen that exists in the current user's library.
- G08: View does not exist in this users library
- Explanation** While generating a program, AD/Advantage could not find the specified view in the current user's library.
- Action** In the program's transaction definition, enter a view name that exists in the current user's library.
- G09: Template is not in the MASTER User
- Explanation** While generating a program, AD/Advantage could not find the template in the MASTER user. This can occur if you or someone else created a new template or modified a supplied template, but failed to do so under the MASTER user. Be sure to create or modify templates under the MASTER user.
- Action** Create a template program in the MASTER user with the name shown in the message.
- G10: The program has been generated
- Explanation** You have successfully generated a program from a transaction definition using #GENIND or #GENSQL.
- Action** You can now run this program from the command line when you enter its transaction name.

G12: Array Fields can't be used in list programs

Explanation During generation of a list program, AD/Advantage encountered a file view that contains array fields. That is, you specified a List program in the program's transaction definition; however, the file you specified contains array fields.

Action Either use or create a file view for your list transaction that does not contain fields with dimensions.

G13: Maximum of 254 columns per screen

Explanation The AD/Advantage generator tried to create a screen with more than 254 columns.

Action Reduce the number of fields you are showing on your screen.

G14: Press ENTER to start the Generation Process

Explanation After defining a transaction and entering GEN on the command line, AD/Advantage displays one of the generation transactions (#GENIND or #GENSQL) and prompts you to begin generation.

Action Press ENTER to begin generating your program.

G15: Screen to be generated does already exist

Explanation You are using #GENIND or #GENSQL to generate a program from a transaction definition, however; the screen name you specified in the transaction definition already exists.

Action In the transaction definition, enter a unique screen name in the Screen field or specify Y in the Generate A Screen? field in #GENIND or #GENSQL.

G16: Program to be generated does already exist

Explanation You are using #GENIND or #GENSQL to generate a program from a transaction definition, however; the program name you specified in the transaction definition already exists.

Action In the transaction definition, enter a unique program name in the Trans-ID field or specify Y in the Overwrite if exist? field in #GENIND or #GENSQL.

- G17: The program must exist in the current users library
- Explanation** During program generation, AD/Advantage could not find the specified program in the current user's library.
- Action** In the program's transaction definition, enter a program name that points to the current user's library.
- G18: The File Type is incorrectly specified
- Explanation** You are using #GENIND or #GENSQL to generate a program from a transaction definition. However, the file type you specified in the transaction definition does not correctly identify the file you specified in the Primary File or Secondary File field.
- Action** In the transaction definition, enter the correct file type in the File Type field for the primary or secondary file.
- G19: Use TransAction #GENIND to generate this Program
- Explanation** You are using #GENSQL to generate a non-SQL transaction.
- Action** Use #GENIND to generate non-SQL transactions.
- G20: Use TransAction #GENSQL to generate this Program
- Explanation** You are using #GENIND to generate an SQL transaction.
- Action** Use #GENSQL to generate SQL transactions.
- GOU: Only Group or Personal ID
- Explanation** Using #AUTH, you specified both a group and a personal ID on the same authorization record. AD/Advantage allows only one group *or* personal ID per authorization record, not both.
- Action** Create one authorization record for the group and a separate authorization record for the personal ID.

H messages

HDR: Please insert Header Record first

Explanation While using a mixed transaction, you tried to insert a record of the secondary file but there is no corresponding record for the primary file.

Action First add a record for the primary file, and then you can add records for the secondary file.

I messages

I01: Data has been successfully entered

Explanation You have just used the Insert key to insert a record and AD/Advantage is confirming that the Insert is successful.

Action Informational only. No action required.

I02: Data already exists

Explanation You pressed the Insert key for a record that already exists.

Action If you are making changes to an existing record, use the Update key to make the changes effective; not the Insert key. If you are trying to create a new record, give the record a unique name.

I03: Data has been changed

Explanation You changed information in an existing record and pressed the update key. AD/Advantage is confirming that the record has been updated.

Action Informational only. No action required.

I04: Data cannot be found

Explanation You pressed the Update key for a record that does not exist.

Action If you are adding a new record use the Insert key to add it; not the Update key.

I05: Data has been deleted

Explanation You pressed the Delete key to delete a record and then confirmed the delete using the confirmation window; now AD/Advantage is confirming the action.

Action Informational only. No action required.

I06: Data cannot be found, DELETE has been terminated.

Explanation You are trying to delete a record that does not exist.

Action Ensure that you specify the right name for the record you want to delete.

I08: next Record read

Explanation You are in a transaction or help window that contains more information than fits on the screen.

Action Use the Forward key to display more information. You can continue to use the Forward key whenever this message displays. When you have reached the end of the file and press the Forward key, AD/Advantage displays the message I09.

I09: EOF reached, paging not possible

Explanation You pressed the Forward key on the last page of a transaction or help window that contains more than one page.

Action Press the Backward key to go back to the beginning of the file.

I10: File beginning

Explanation AD/Advantage is confirming that you are at the beginning of the file.

Action Informational only. No action required.

I11: The dataset is locked

Explanation The program you are running specifies an incorrect password for a file view.

Action Check the file view for the correct password and correct the program or do a regeneration.

I12: Previous Record read

Explanation You used the backward key and AD/Advantage is confirming that you read the previous record in a transaction.

Action Informational only. No action required.

I13: Error accessing File, Status= #.

Explanation You tried to access an external file view but MANTIS encountered an error and returned a file status.

Action Refer to *AD/Advantage MANTIS Language OpenVMS/UNIX*, P39-1310 for more information on INSERT, UPDATE, DELETE, and GET commands.

I14: Last Record read

Explanation You pressed the Last key and AD/Advantage is confirming that you read the last record in the file.

Action Informational only. No action required.

I26: Generation ended successfully

Explanation You generated a program using #GENIND or #GENSQL and AD/Advantage encountered no errors.

Action Informational only. No action required.

IMU: Invalid Mantis User

Explanation In your domain definition, you specified a file name in a MANTIS user that does not exist.

Action Correct the MANTIS user in the View Name field of the domain definition.

INN: Invalid Reference Name specified in #DDEF: #

Explanation In your domain definition you specified a reference name (field) that does not exist in the view specified.

Action Change the entry in the Ref Name field to a field that is used in the specified view.

INP: There is no printer defined

Explanation You tried to print an AD/Advantage entity using one of the print transactions, but there is no printer defined in your profile.

Action Use the PROFILE command to define a Printer.

INT: Specified Internal File does not exist

Explanation The internal file you specified in your prototype definition does not exist.

Action Specify a valid internal file.

IRS: User Name of View must be current RDM User

Explanation The RDM user in the Filename field of the transaction definition is different from the user that signed on to RDM. The user signed on to RDM is the user specified under the SQL options in #PARM.

Action Check for the correct user name in the Application User field under SQL Options in #PARM and correct the transaction definition.

IUS: User Name of Entity must be the Current Users Library

Explanation While running a program, AD/Advantage encountered a Domain reference to an RDM view. However, the SQL user specified in the Application User field in the system settings (#PARM) does not match the user specified in the View Name field of the domain definition.

Action If you have the authority, change the SQL application user in #PARM, or change the SQL user in the domain definition. Either way, be sure the two users are the same.

K messages

KEY: Press Enter to continue

Explanation AD/Advantage is prompting you to continue the operation.

Action Press ENTER.

KR2: System Tran-IDs can only be assigned to Users in Group
ADMIN / DEVELOP

Explanation While defining a personal ID using #ID, you tried to define a system transaction in the Start Trans-ID field, but you did not specify ADMIN or DEVELOP in the Associated Groups field.

Action If you want the personal ID to sign on to or use a system transaction, you must associate the personal ID with either the ADMIN or DEVELOP group by entering one or both in the Associated Groups field.

L messages

L01: **RUN**

Explanation You ran a program from a list transaction and AD/Advantage displays this message in place of the program name to confirm the run.

Action Informational only. No action required.

L03: **DELETED**

Explanation You deleted an item in a list transaction and AD/Advantage displays this message on the line to confirm the delete.

Action Informational only. No action required.

L04: Transform # to

Explanation You performed a Transform operation on an entity in a list transaction and this message displays, prompting you for more information.

Action Specify the entity type and entity name to create.

L06: Confirm Overwrite of #

Explanation While performing a Transform operation on an entity in a list transaction, AD/Advantage encountered an entity with the same name.

Action Press ENTER to confirm the overwrite.

L07: **TRANSFORMED**

Explanation You transformed an entity in a list transaction and AD/Advantage displays this message in place of the entity to show that the transformation was successful.

Action Informational only. No action required.

L08: **BOUND**

Explanation You bound an entity in a list transaction and AD/Advantage displays this message in place of the entity to show that the bind was successful.

Action Informational only. No action required.

L09: **UNBOUND**

Explanation You unbound an entity in a list transaction and AD/Advantage displays this message in place of the entity to show that the unbind was successful.

Action Informational only. No action required.

L10: **COMPOSED**

Explanation You composed an entity in a list transaction and AD/Advantage displays this message in place of the entity to show that the compose was successful.

Action Informational only. No action required.

L11: **DECOMPOSED**

Explanation You decomposed an entity in a list transaction and AD/Advantage displays this message in place of the entity to show that the decompose was successful.

Action Informational only. No action required.

L12: **PRINTED**

Explanation You printed an entity in a list transaction and AD/Advantage displays this message in place of the entity to show that the print was successful.

Action Informational only. No action required.

L13: Merge # with

Explanation You specified a merge operation in a list transaction and AD/Advantage prompts you to enter the type and name of the entity.

Action Enter the type and the name of the entity and press ENTER.

L14: **MERGED**

Explanation You merged an entity with another entity and AD/Advantage displays this message to show that the merge was successful.

Action Informational only. No action required.

L16: **CONVERSED**

Explanation You conversed an entity and AD/Advantage displays this message to show that the converse was successful.

Action Informational only. No action required.

L19: **OPERATION CANCELED**

Explanation You pressed the Cancel key during an operation you previously specified, such as transform or merger.

Action Informational only. No action required.

L21: **EDITED**

Explanation You have edited an entity in a list transaction and AD/Advantage displays this message in place of the entity to show that the edit was successful.

Action Informational only. No action required.

L22: **GENERATED**

Explanation You have updated a screen in the screen list transaction (#SCRL) to contain the newest default values from the dictionary (#DDEF). AD/Advantage displays this message in place of the description to show that the generate was successful.

Action Informational only. No action required.

L23: **PROCESSED**

Explanation You have processed an entity in a list transaction and AD/Advantage displays this message in place of the entity to show that the process was successful.

Action Informational only. No action required.

LIB: Entities in a different Library cannot be edited

Explanation In a list transaction, you specified E to edit entities in another MANTIS user's library. AD/Advantage does not allow editing of entities in other MANTIS users' libraries.

Action Copy the entity to your library (if you have the appropriate authority) and then edit it.

LOG: For this evaluation # records have been read

Explanation Displays the number of records read for a certain date range in #ACCL2 or #ACCL3.

Action Informational only. No action required.

M messages

M01: User # invalid. More Info with #.

Explanation The user you have specified is not a valid one.

Action Press the function key specified in the message to display a list of valid users. You can select a valid user by entering an S before the User name. Once you select it from the list, AD/Advantage will automatically place it in the field for you.

MNT: The Default Mantis User for this ID does not exist

Explanation AD/Advantage will not allow you to sign on because the MANTIS user specified in the personal ID does not exist.

Action If you have the authority, update the personal ID (using #ID) with the correct MANTIS user. If not, see your system administrator.

N messages

NAM: The Fieldname is not a valid Mantis Name

Explanation During generation of an SQL program AD/Advantage prompts you to select the fields you want to include. The field name you entered (by overtyping a field in the list) did not comply with MANTIS naming conventions.

Action Correct the field name to comply with MANTIS naming conventions.

NAU: You are not authorized to authorize this TransAction

Explanation The ID you have signed on to AD/Advantage with does not have permission to authorize this transaction.

Action See your system administrator about getting permission to authorize transactions.

NO0: The value must be greater than Zero

Explanation In the system settings transaction (#PARM) you specified a 0 in the No Of rows in Header-Screen field. This value specifies the number of rows in the user's header screen; the header screen is stored in the MASTER user under the name ADV_HEADER.

Action Specify a value greater than 0 in the No of rows in Header-Screen field of #PARM.

NOA: Accounting File is not available

Explanation While executing #ACCL1, #ACCL2 or #ACCL3, AD/Advantage could not locate the accounting file. It is possible that it was not created at install time.

Action Create an accounting file according to the definitions of the external file view ADV_ACCOUNTING in the MASTER user.

NOD: No Extended Help Available for this Field

Explanation You pressed the Extended Help key for a field that does not have extended help defined.

Action If this transaction is a system transaction, refer to *AD/Advantage MANTIS Administration OpenVMS/UNIX*, P39-1320 or *AD/Advantage Programming*, P39-7001 for more information about this field.

NOE: Entities of this File Type cannot be edited

Explanation Only files with the type EXT or INT can be edited.

Action Informational only. No action required.

NOK: No Keys defined for the Table, Generation canceled

Explanation The table you defined for your SQL transaction has no key defined for it.

Action Define keys for the table if you have the appropriate database access authority.

O messages

OK: Input OK, please choose a function or EXIT

Explanation You are defining or editing a transaction and pressed a key that is not mapped to any function or command.

Action Choose a function that is valid for the transaction you are in, or press the Exit key.

P messages

P01: New Password confirmation does not match

Explanation In the PROFILE transaction, you specified a password in the Verify New Password field that does not match the one you specified in the New Password field.

Action Type the same password in both the New Password and Verify New Password fields.

P02: No current Help exists for this function

Explanation You pressed the Help key while your cursor was in the transaction's title field, yet transaction-level help is not defined.

Action Add transaction-level help text using #HLP.

P03: No Help defined for Field #.

Explanation No help is available for the field on which your cursor rests.

Action If you are in a system transaction, refer to *AD/Advantage MANTIS Administration OpenVMS/UNIX*, P39-1320 or the *AD/Advantage Programming*, P39-7001 manual for more information about this field.

PFK: Invalid Function Key

Explanation The function key you pressed is not valid for the transaction you are currently using.

Action Use one of the function keys that display at the bottom of the screen; they are the only function keys valid for the transaction.

PNF: The User Validation Program does not exist

Explanation You specified a program in the domain definition (#DDEF) to validate the field against, but this program does not exist.

Action Correct the program name in your domain definition.

PPW:	<p>The User Validation Program Password does not match</p> <p>Explanation You specified a program in the domain definition (#DDEF) to validate the field against, but specified an incorrect program password.</p> <p>Action Correct the program password in the domain definition.</p>
PRN:	<p>Print Job is finished</p> <p>Explanation You are in a print transaction and AD/Advantage is confirming that the print is successful.</p> <p>Action Informational only. No action required.</p>
PRO:	<p>No Extended Help Available for this Field</p> <p>Explanation The field you are currently on does not have extended help.</p> <p>Action If you are in a system transaction, refer to <i>AD/Advantage MANTIS Administration OpenVMS/UNIX</i>, P39-1320 or <i>AD/Advantage Programming</i>, P39-7001 for more information about this field.</p>
PT1:	<p>Invalid Type, only INT, EXT, when Prototype</p> <p>Explanation In the your prototype definition (#PTYPE) you entered a value in the File Type field other than INT or EXT. AD/Advantage allows only these two file types for prototypes.</p> <p>Action Enter INT or EXT in the File Type field of the prototype definition.</p>

Q messages

Q--: Critical Error

Explanation This message displays with a critical SQL error message.

Action See the SQL message displayed for further action.

Q03: Unknown Database Name

Explanation An invalid SQL database name is specified in #PARM.

Action Ask your system administrator to change the SQL database name in #PARM to a valid one.

Q04: Unknown User Password Combination

Explanation An invalid SQL user/password combination is specified in #PARM.

Action Ask your system administrator to specify a valid SQL user/password combination in #PARM.

Q10: Beginning of Result Table reached

Explanation You are at the beginning of a help window that has more than one page of information.

Action Press the Forward key to page through the table, or the Exit key to get out of help.

QNO: No Extended Help for Tables, use #QTABLE to see available Table

Explanation In #TRN you have defined the file type as SQL and pressed the Extended Help key on the File Name field to get a listing of available tables.

Action Use the #QTABLE transaction for a listing of SQL tables.

R messages

REC: Number of records per screen must be greater than zero

Explanation When you specify either a primary or secondary file name in #TRN, the Records on Screen field must be greater than zero.

Action Enter a number greater than zero (the amount of records you desire) in the Records on Screen field in your transaction definition.

REQ: Required field, please enter value

Explanation The field AD/Advantage highlighted is required.

Action Make an entry in the highlighted field.

S messages

SC1: Screen does not exist in this users library

Explanation During program generation, AD/Advantage encountered a screen name in the program's transaction definition that does not exist in the current user's library.

Action Correct the screen name in the program's transaction definition (#TRN).

SCR: Specified Screen does not exist

Explanation The screen name you specified in #GENDEF does not exist.

Action Correct the screen name in #GENDEF. Use #SCRL to get a screen listing.

SEN: System Entities are not modifiable

Explanation You cannot modify system entities (by default, these entities begin with the hash character, #).

Action See your system administrator.

SFL: Select Fields to be used within Application

Explanation While defining generation parameters in #GENIND or #GENSQL, you left Select All Fields blank. This causes AD/Advantage to display a window of fields for you to select for your application.

Action Select the fields you want to use in your application and then press the Exit key to continue generation.

SON: The User, Password or Transaction is invalid

Explanation While signing on to AD/Advantage, you entered an invalid user, password or start transaction ID.

Action Try signing on again, entering everything very carefully. If this does not work, see your system administrator.

- SSY: A Synonym can't have the same name as a TransAction
- Explanation** In #PFK you defined a synonym name for a command that is also the name of a transaction. A synonym for a command can't have the same name as a transaction.
- Action** Change the synonym name.
- STI: TransAction Name and Command Name must be different
- Explanation** In #TRN you tried to insert a transaction whose ID is the same as a command name. For example, you gave the transaction an ID of INS but AD/Advantage uses INS as the Insert command.
- Action** Change the transaction ID.
- SYS: System Functions are protected
- Explanation** You tried to update a system entity. AD/Advantage does not allow you to update system entities.
- Action** Informational only. No action required.

T messages

TNF: Invalid TransAction

Explanation The transaction you specified on the command line:

- ◆ is not a valid transaction ID; or
- ◆ cannot be run from the transaction you are currently in.

Action On the command line press the Extended Help key for a list of valid transactions.

TNO: Y is not allowed. Command not set to Y with #TRN

Explanation You tried to enable a command for a specific transaction in the transaction's authorization record (#AUTH), but the transaction definition does not allow this command.

Action Go into the transaction definition (using #TRN) and set this command to Y, then go back to the transaction's authorization record (#AUTH) and enable the command.

U messages

U07: Select TransActions to migrate:

Explanation Select the transactions you want to migrate to the target dictionary.

Action Type an S, Y, or C next to the transactions you want to migrate, then press ENTER.

U12: Select help text to migrate:

Explanation Select the help text you want to migrate to the target dictionary.

Action Type an S, Y, or C next to the help text you want to migrate, then press ENTER.

U16: Select groups to migrate:

Explanation Select the groups you want to migrate to the target dictionary.

Action Type an S, Y, or C next to the groups you want to migrate, then press ENTER.

U21: Select personal ids to migrate:

Explanation Select the personal ID you want to migrate to the target dictionary.

Action Type an S, Y, or C next to the groups you want to migrate, then press .

U26: Select menus to migrate:

Explanation Select the menus you want to migrate to the target dictionary.

Action Type an S, Y, or C next to the menus you want to migrate, then press .

U31: Select messages to migrate:

Explanation Select the messages you want to migrate to the target dictionary.

Action Type an S, Y, or C next to the messages you want to migrate, then press .

U36: Select domains to migrate:

Explanation Select the domains you want to migrate to the target dictionary.

Action Type an S, Y, or C next to the domains want to migrate, then press .

U41: Select domain help to migrate:

Explanation Select the domain help you want to migrate to the target dictionary.

Action Type an S, Y, or C next to the domain help you want to migrate, then press .

U45: Select subsystems to migrate:

Explanation Select the subsystem you want to migrate to the target dictionary.

Action Type an S, Y, or C next to the subsystems you want to migrate, then press ENTER.

USR: Invalid Personal Identification

Explanation When running an AD/Advantage 2.1 application in the program editor, the personal ID has to be set up in the program itself. This personal ID was not set up correctly.

Action Go into the program and change the line `SYS_USERID=""` to the name of your AD/Advantage 2.1 personal-ID, for example:

`SYS_USERID="ADMIN".`

V messages

VP1: Primary View must be a PDM Primary File

Explanation The primary view specified in the transaction definition (#TRN) must be a PDM primary file.

Action Correct the primary file in the transaction definition.

VP2: Secondary View must be a PDM Related File

Explanation The secondary view specified in the transaction definition (#TRN) must be a PDM related file.

Action Correct the secondary file in the transaction definition.

VU1: Primary View does not exist in this users library

Explanation The primary view specified in the transaction definition (#TRN) does not exist under this user's name in the SUPRA database.

Action Check for the correct user in the Application user field (under SQL Options) in #PARM, then change the user in the transaction definition.

VW2: Secondary View does not exist in this users library

Explanation The secondary file defined in #TRN does not exist in the current MANTIS user's library.

Action Correct the secondary file in the transaction definition.

Y messages

YES: Please enter Y or leave empty

Explanation You entered an N in a field that only accepts a blank or Y.

Action Specify a blank to disable the field instead of an N.